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FRESH-WATER ALGÆ

OF THE

UNITED STATES;

(EXCLUSIVE OF THE DIATOMACEÆ)

COMPLEMENTAL TO

DESMIDS OF THE UNITED STATES;

VOLUME II.

PLATES.

2300 ILLUSTRATIONS,

COVERING ONE HUNDRED AND FIFTY-SEVEN COLORED PLATES.

BY THE REV. FRANCIS WOLLE,

Member of the American Society of Microscopists.

BETHLEHEM, PA.:
THE COMENIUS PRESS.
1887.

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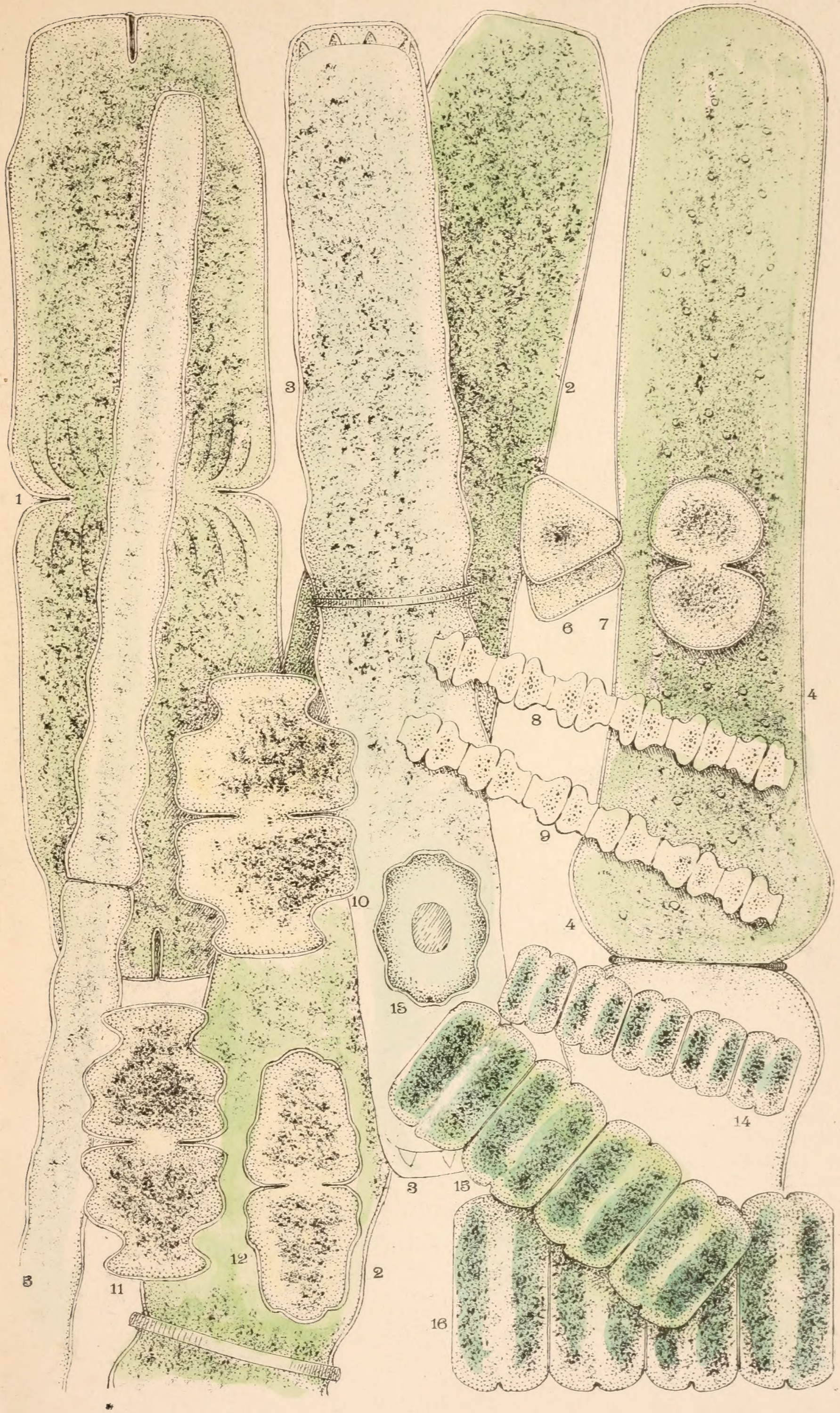
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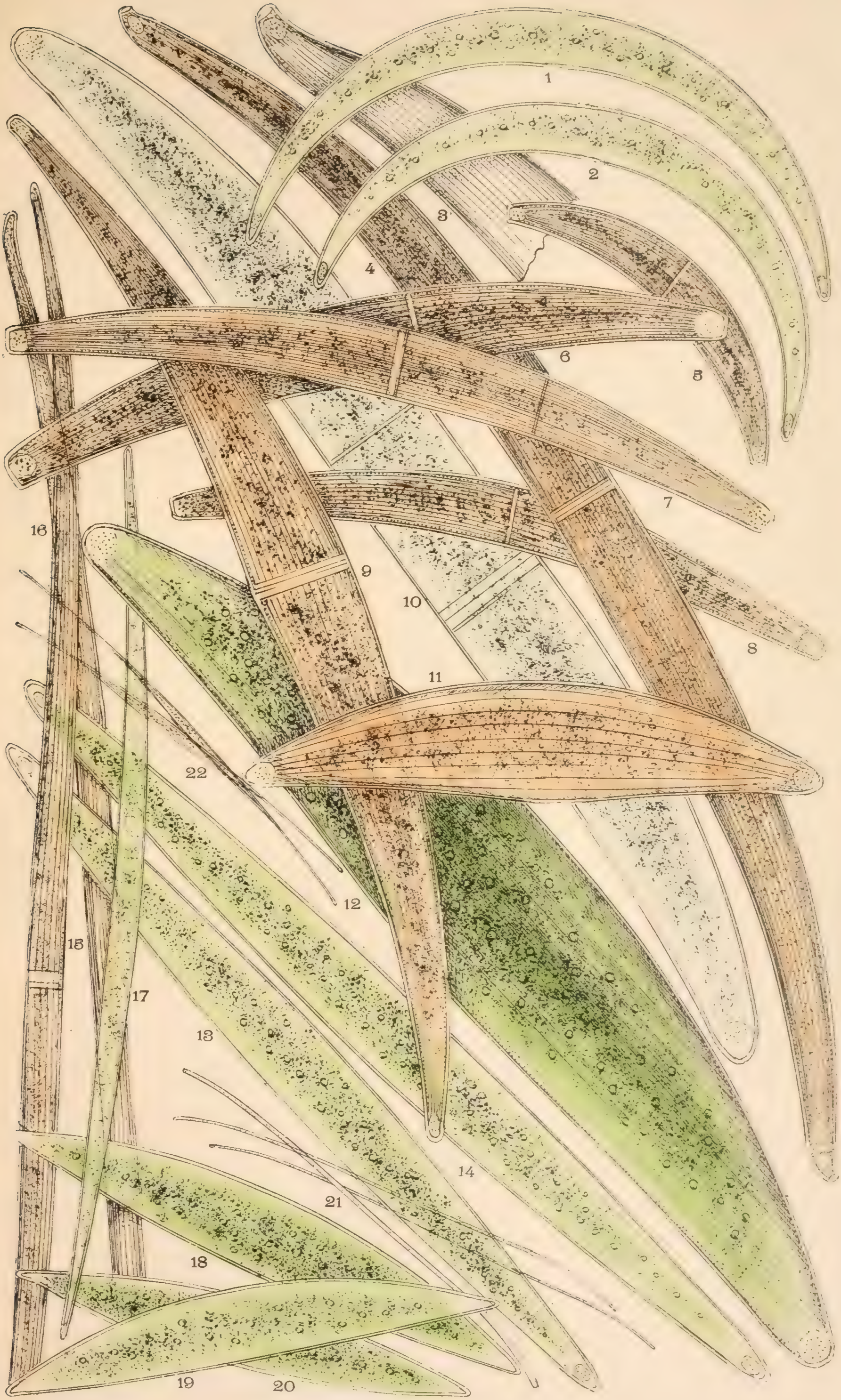

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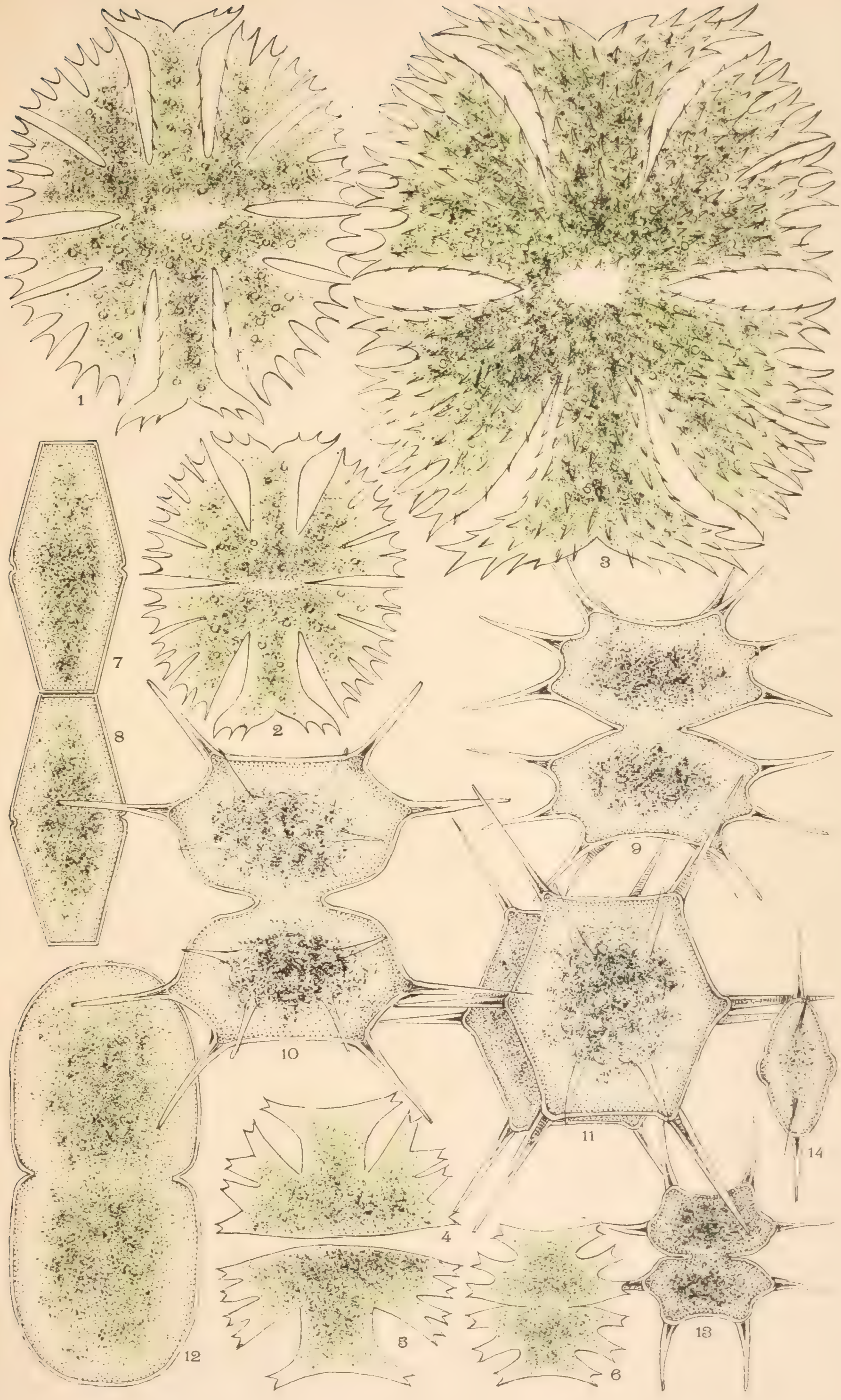

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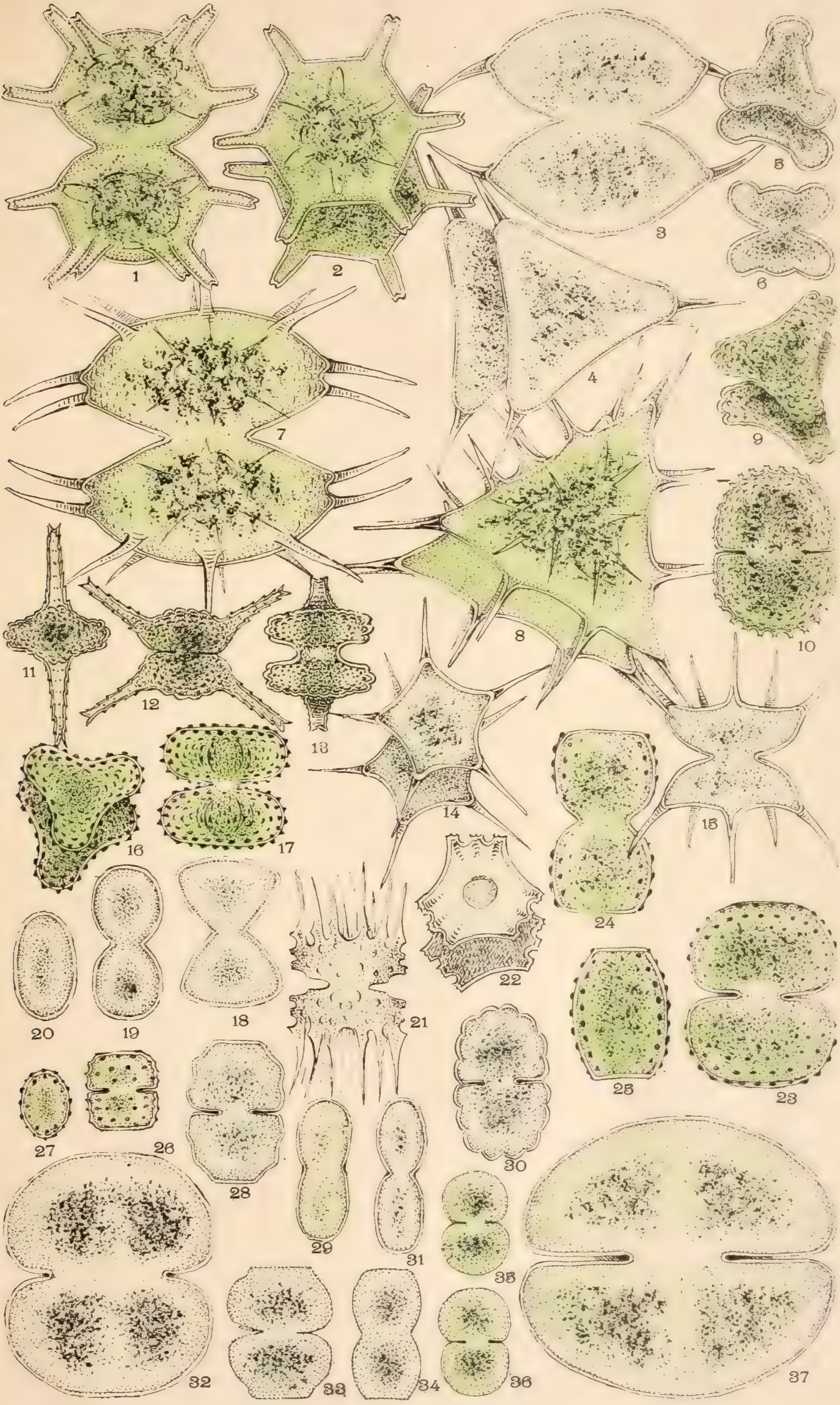
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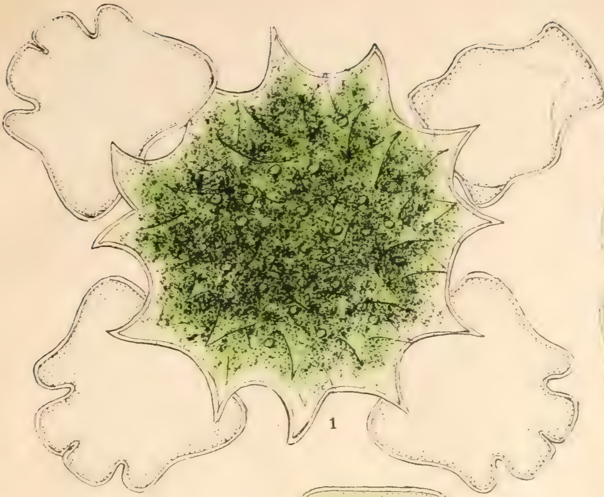
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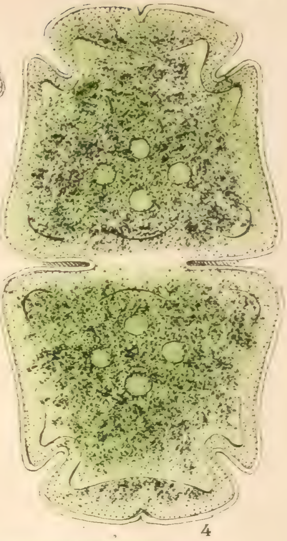
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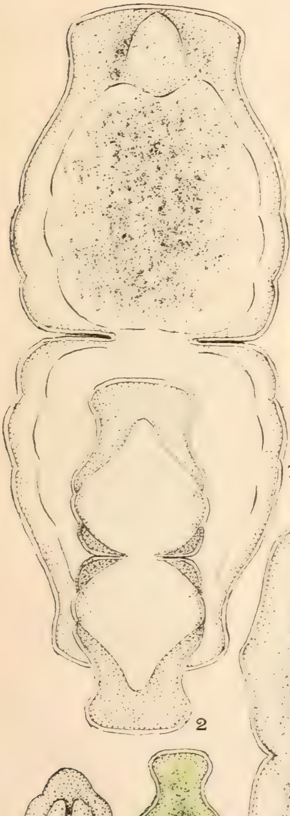
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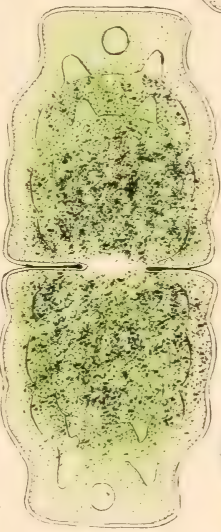
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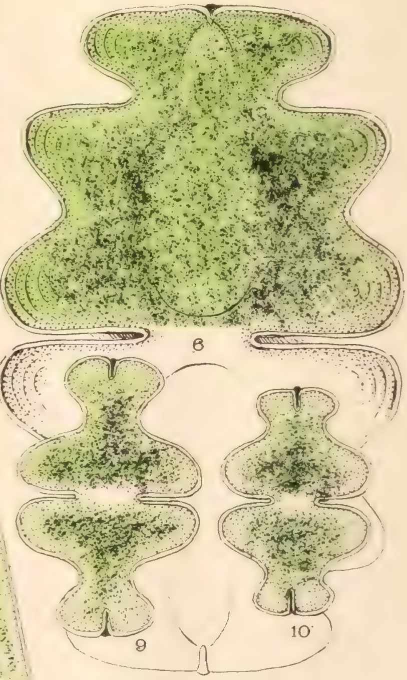
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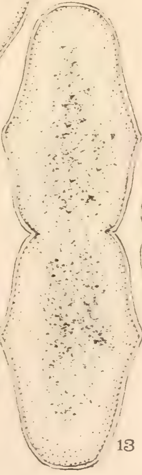
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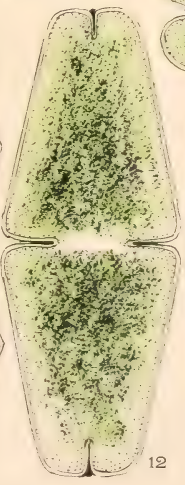
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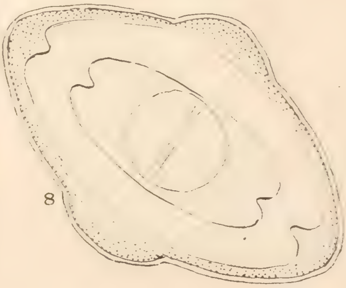
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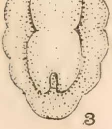
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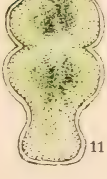
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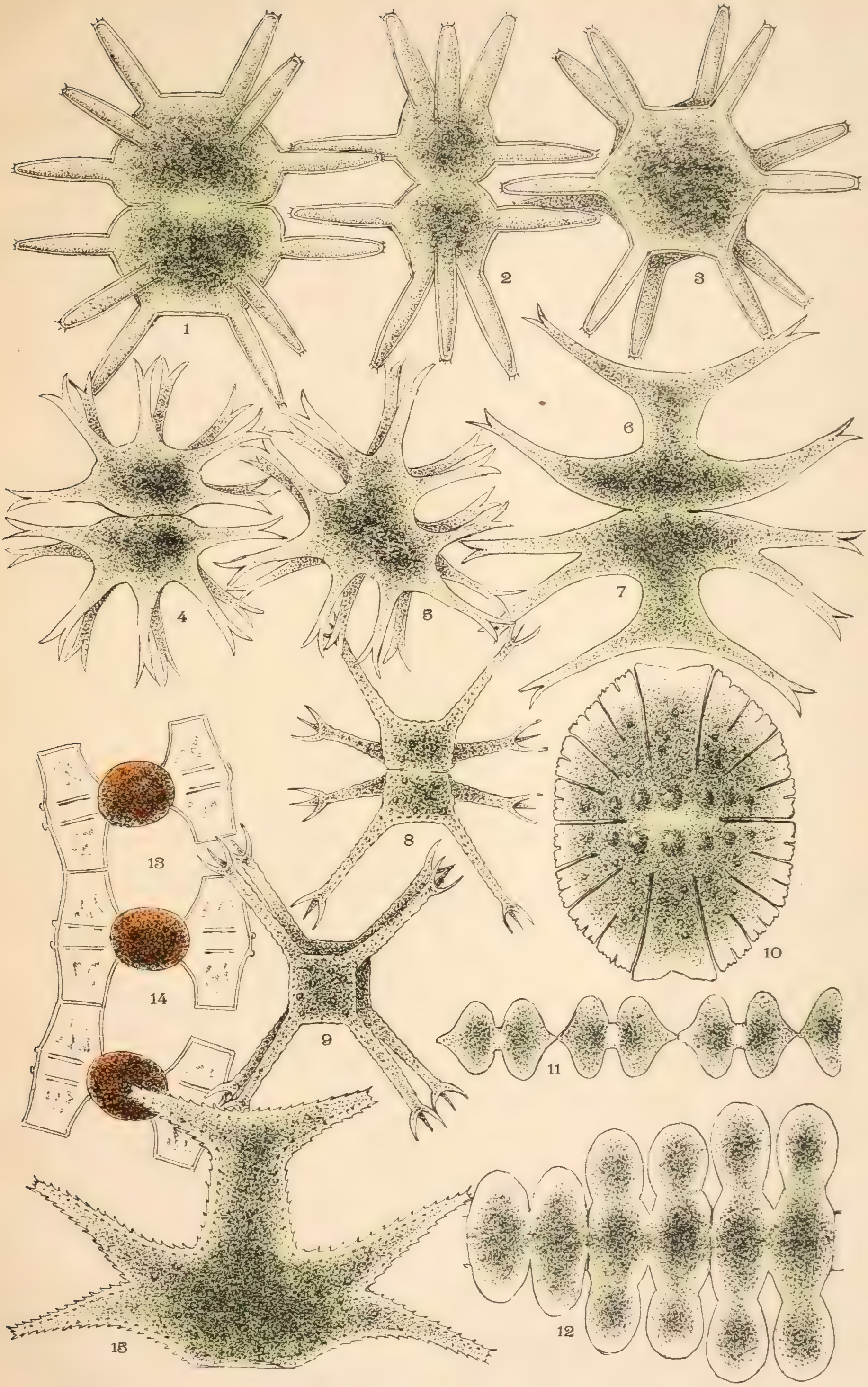

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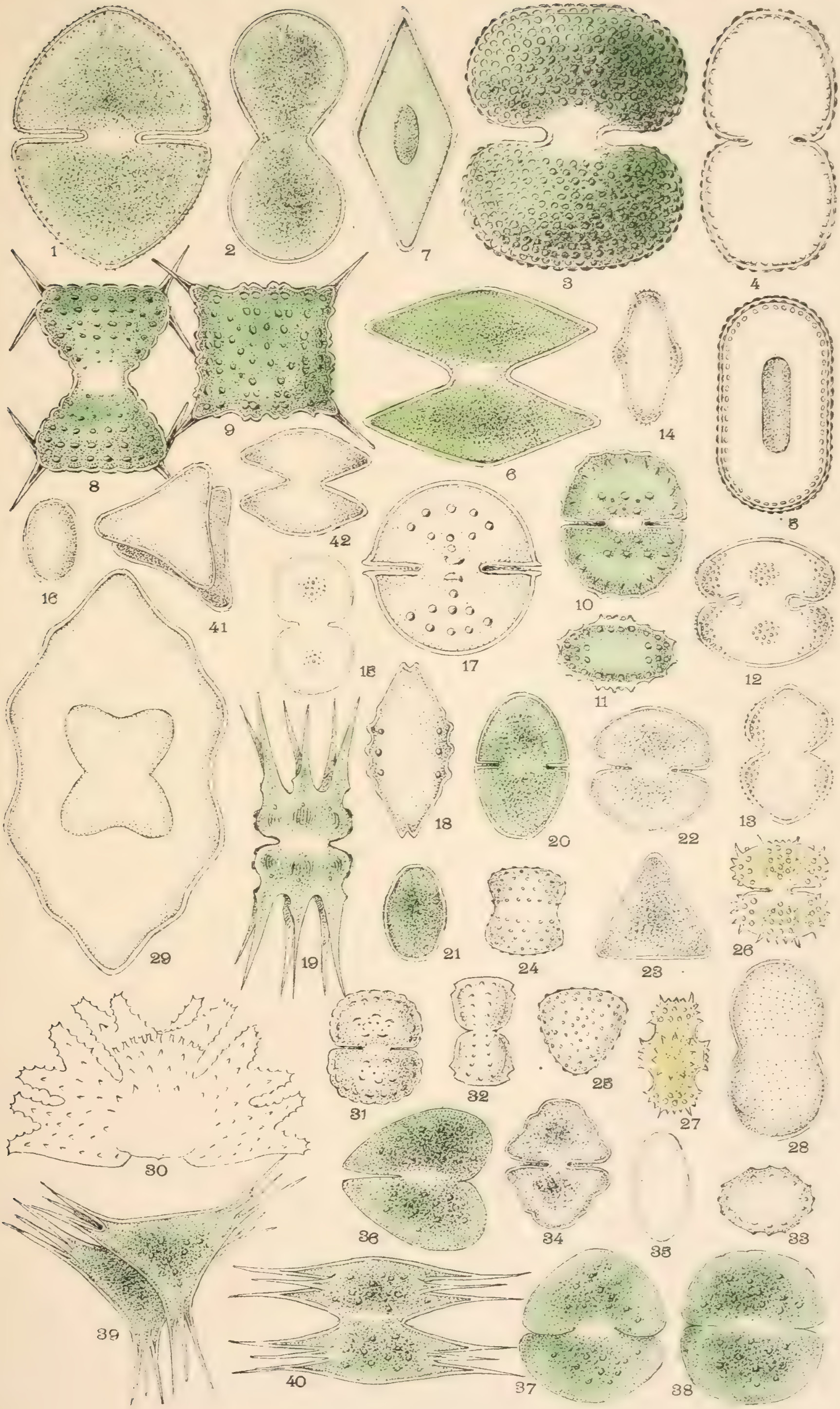
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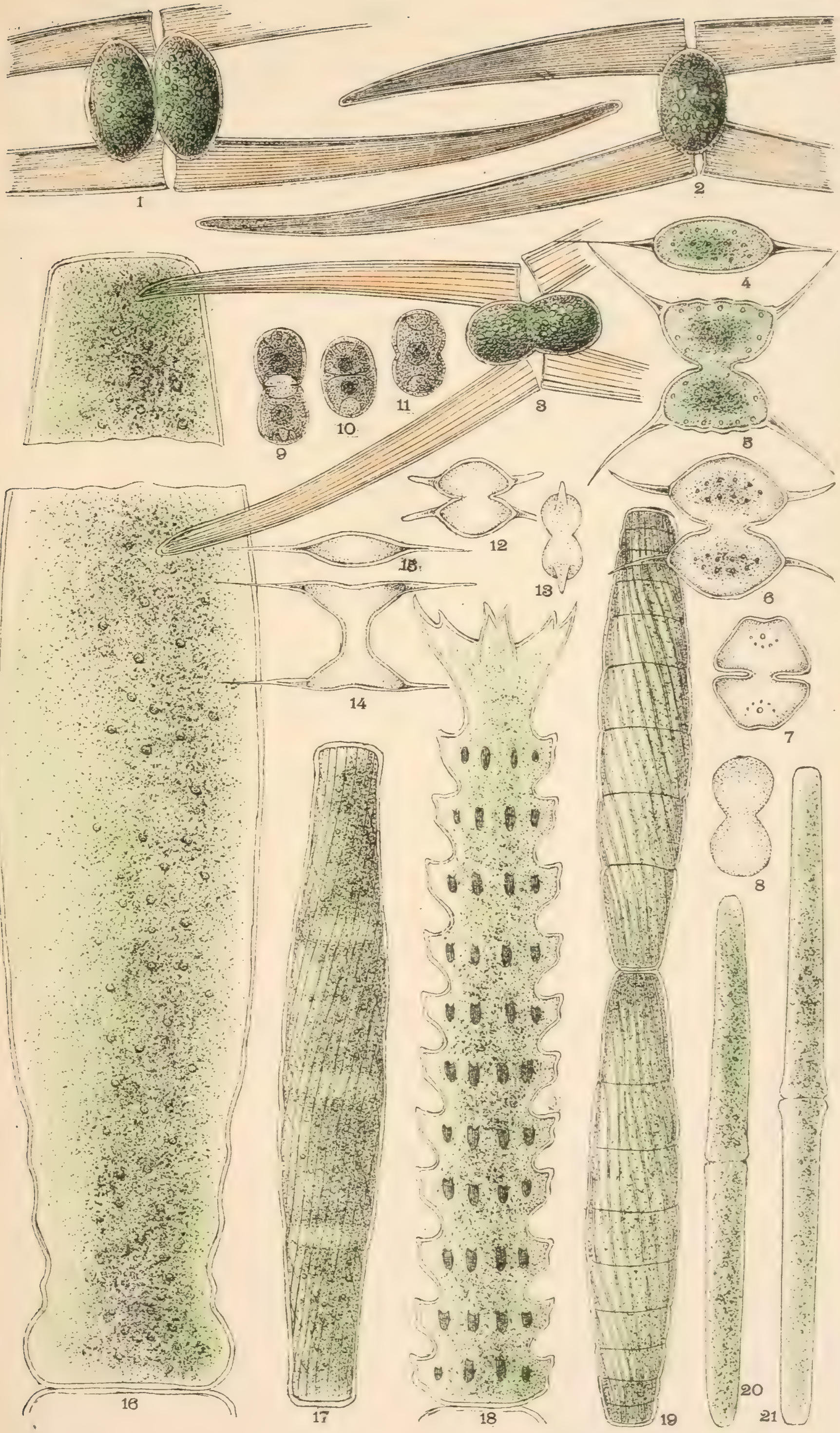

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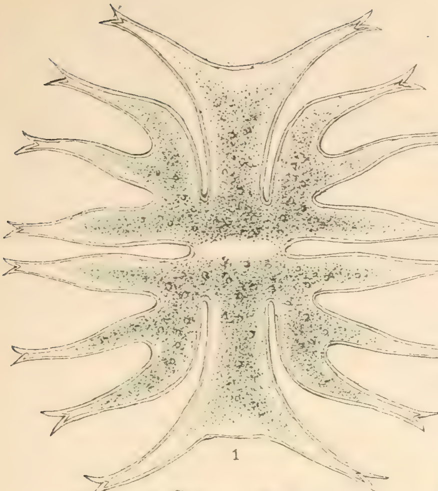
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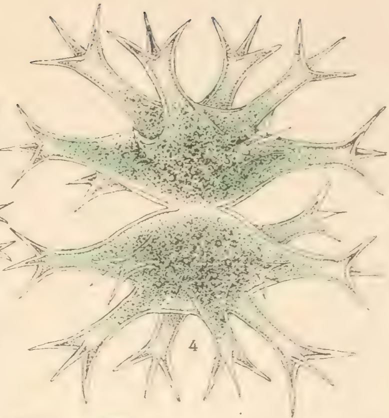
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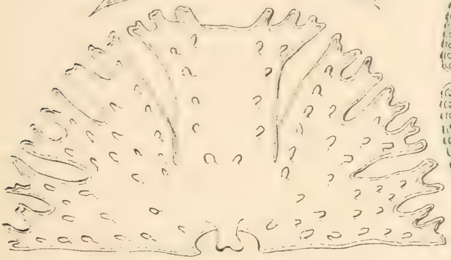
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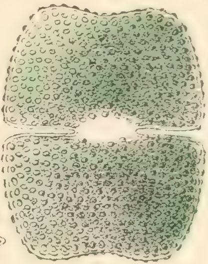
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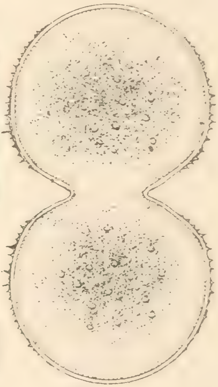
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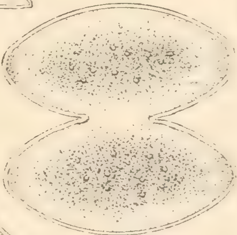
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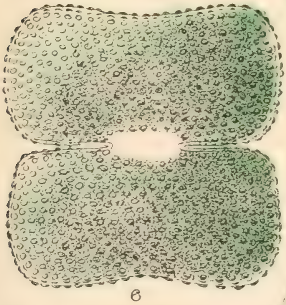
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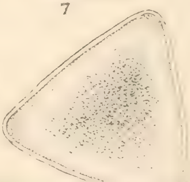
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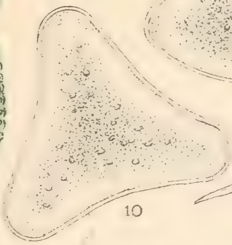
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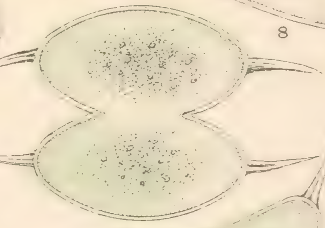
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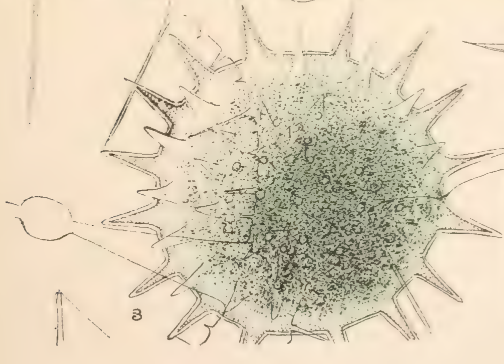
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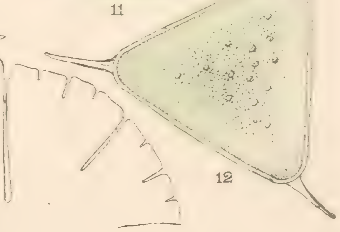
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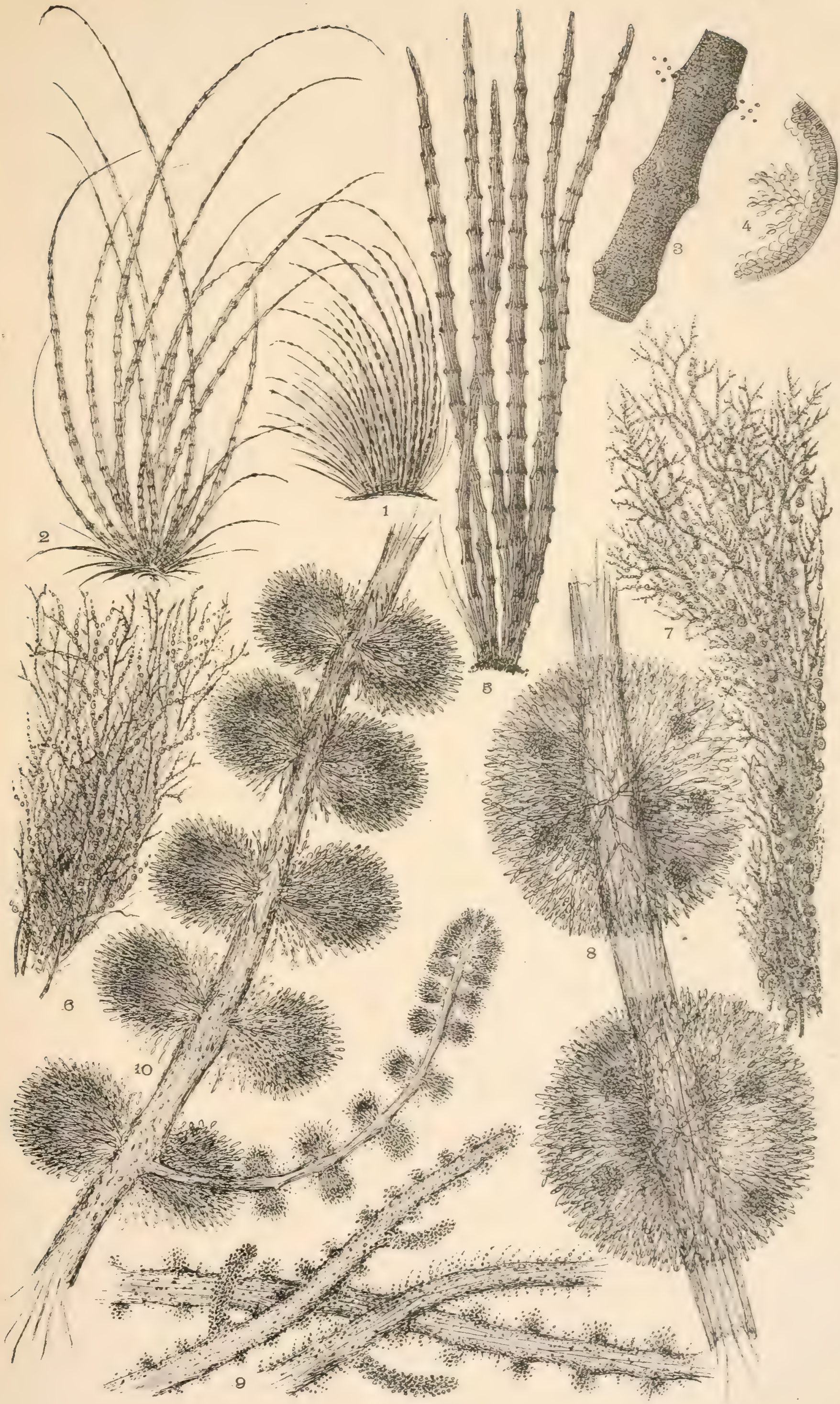

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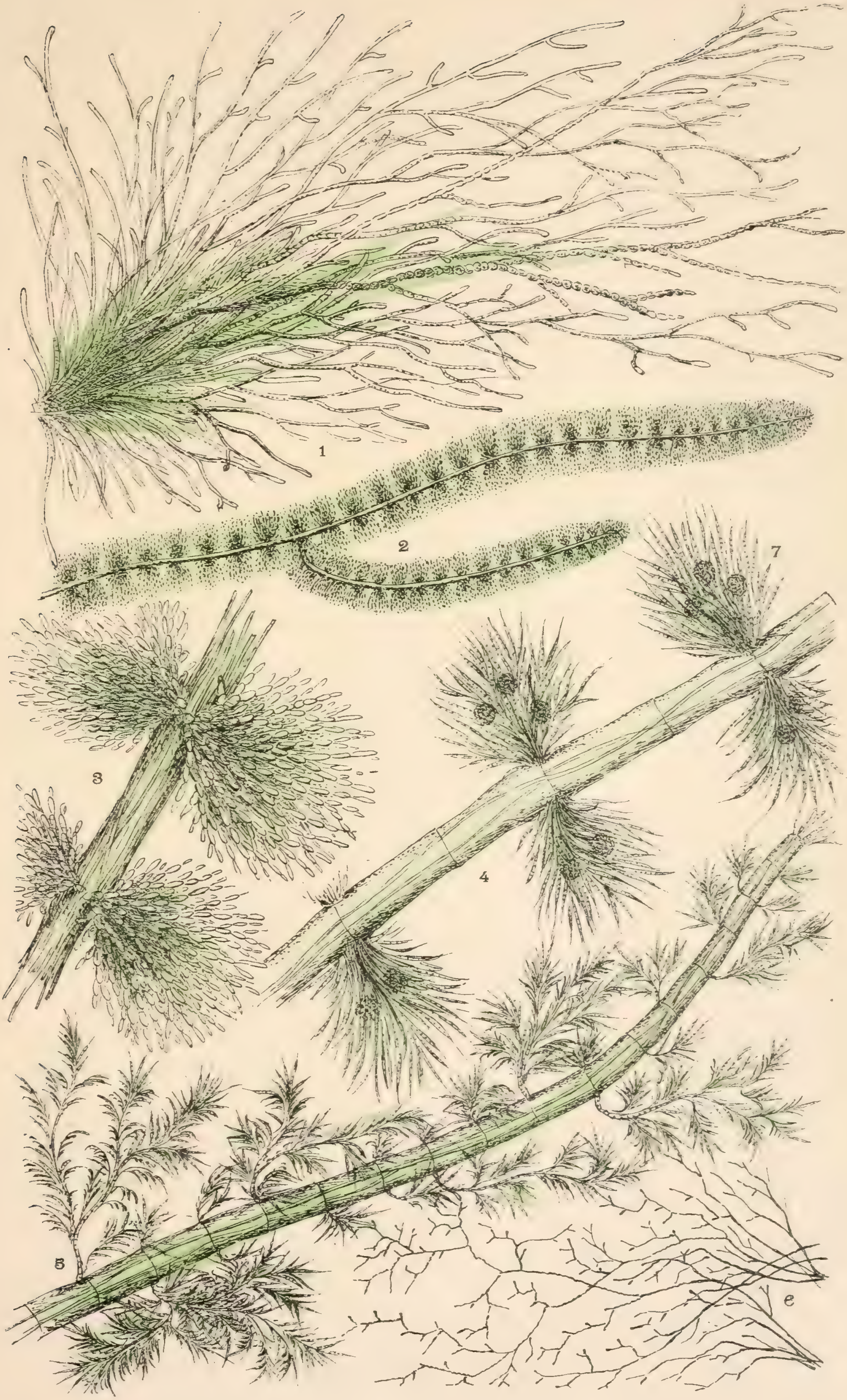

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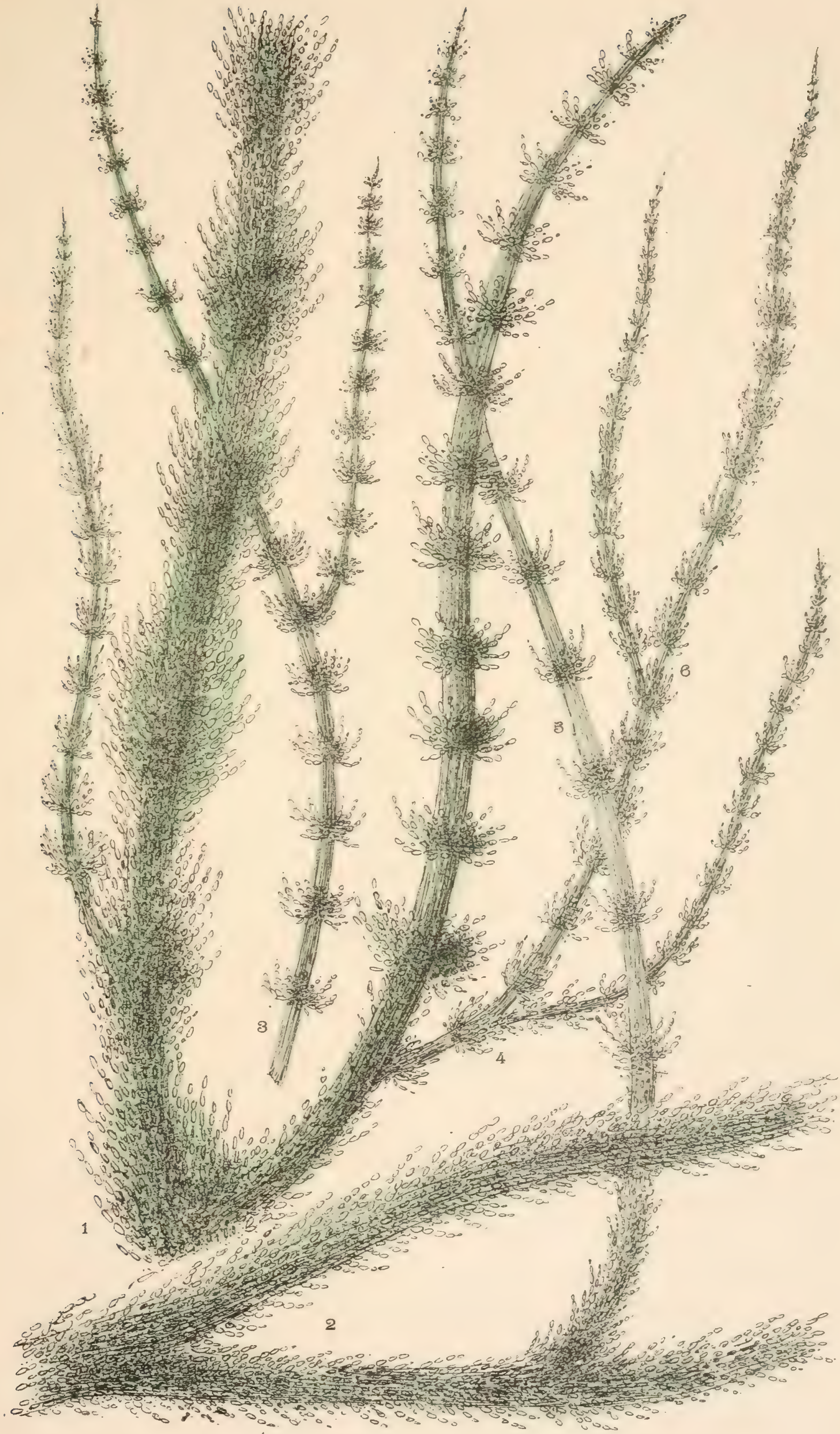
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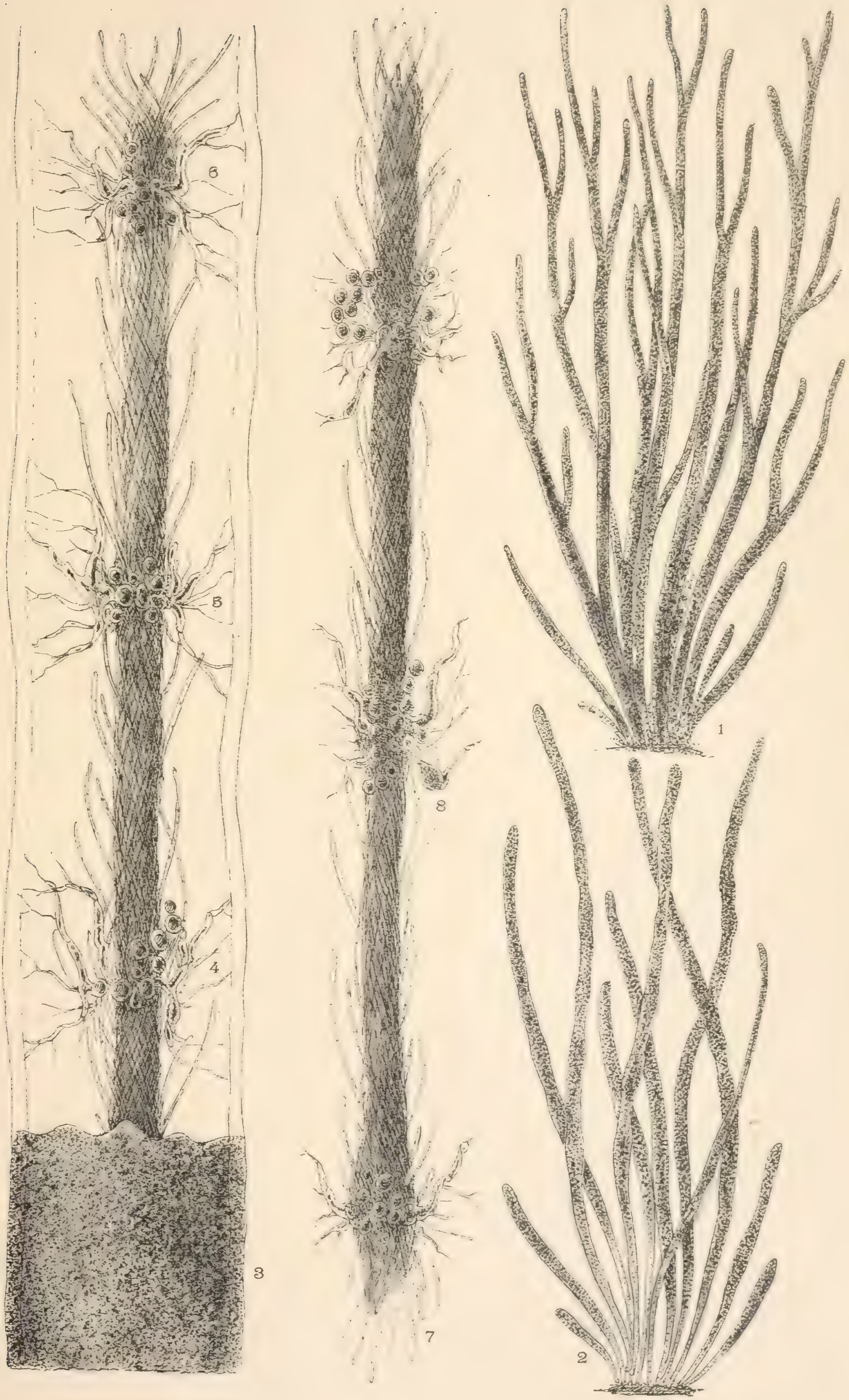

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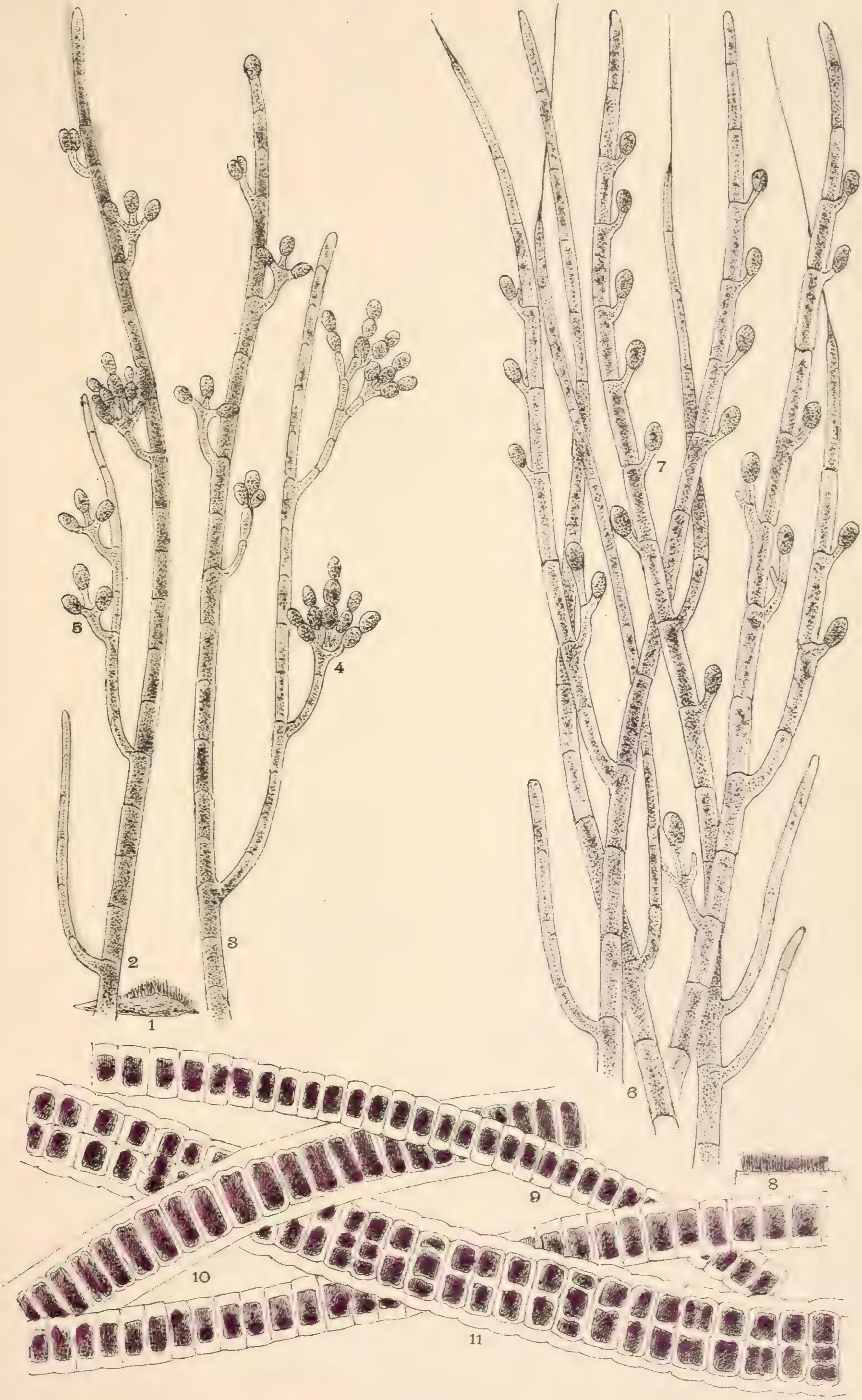

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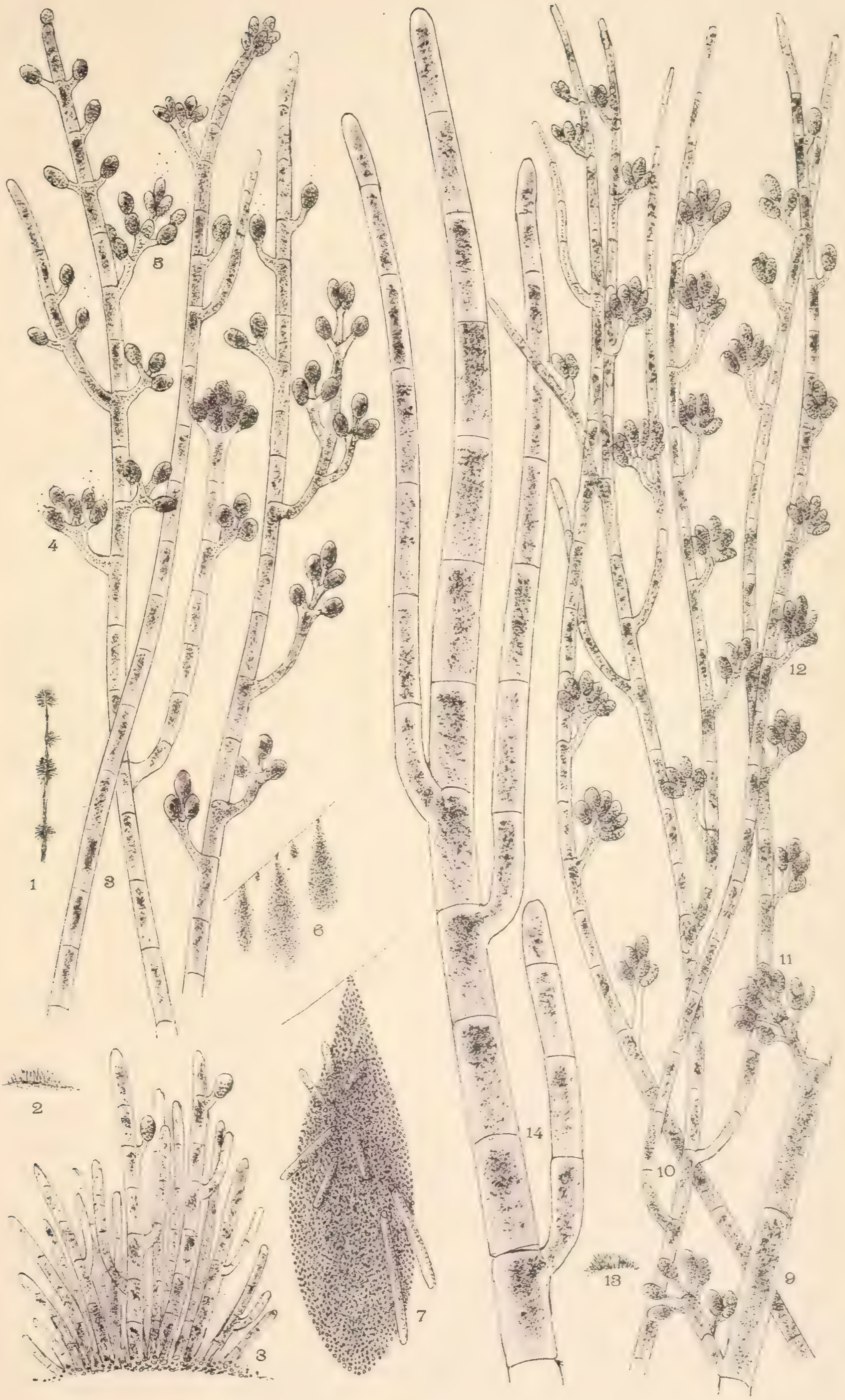

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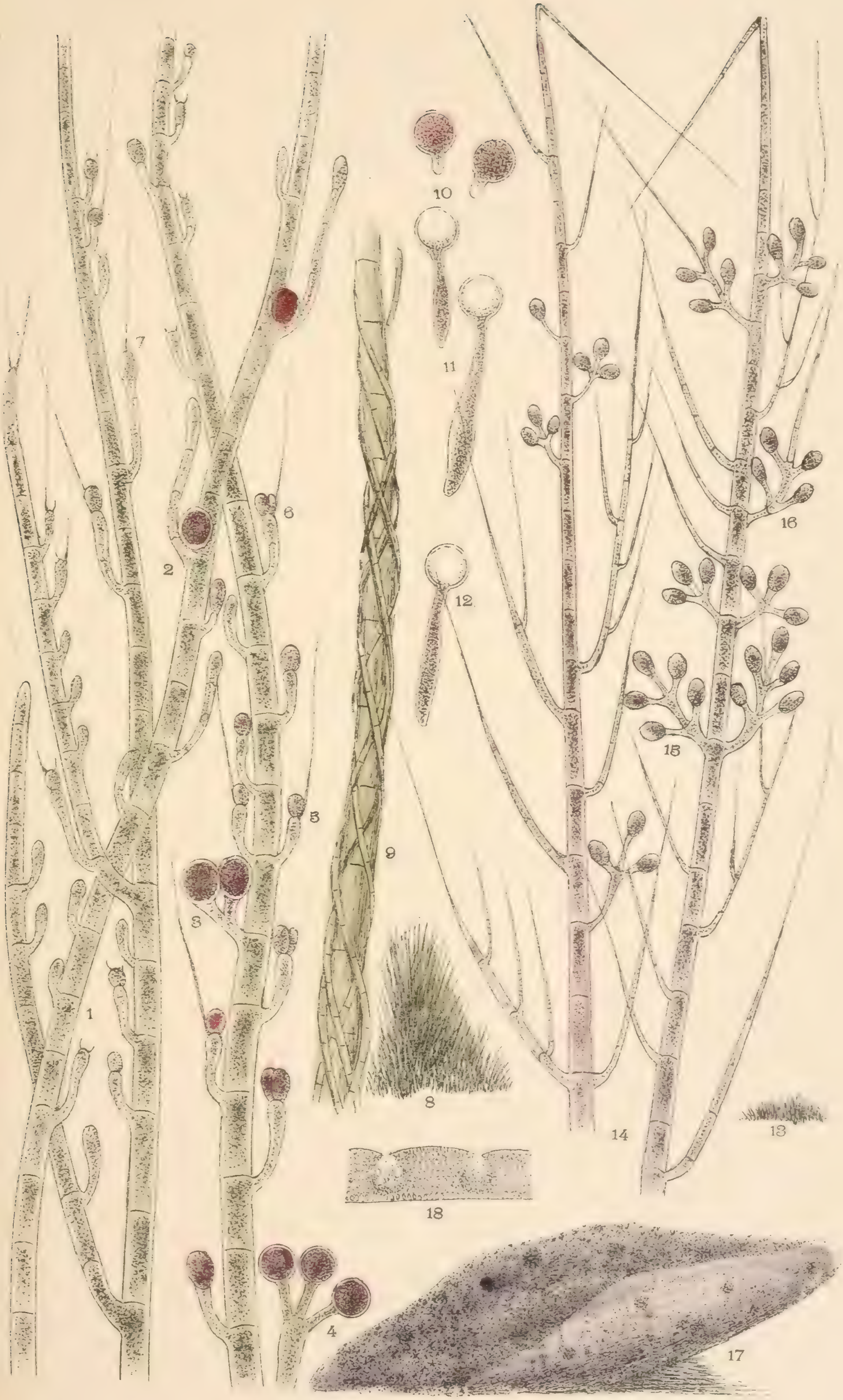

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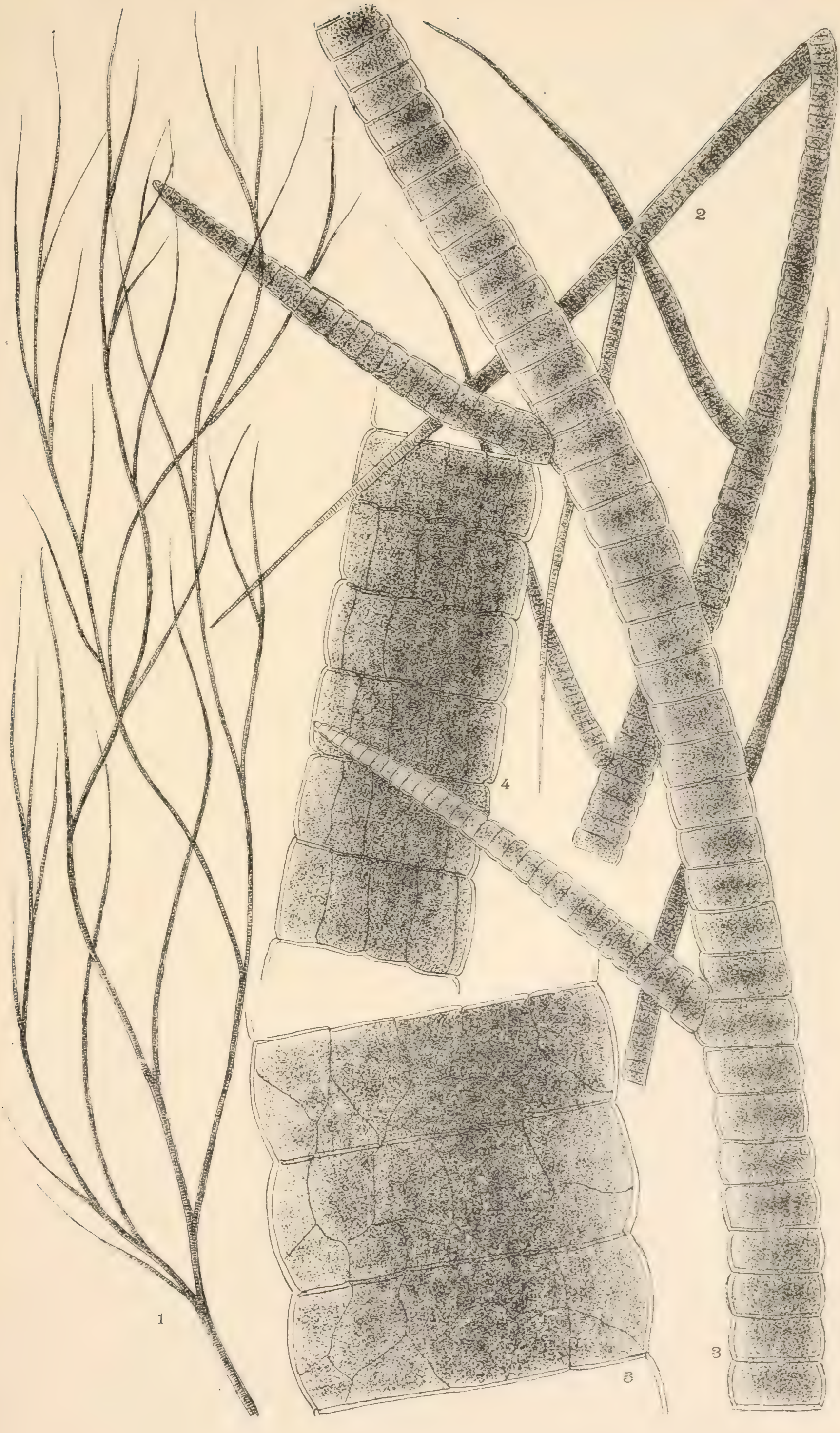
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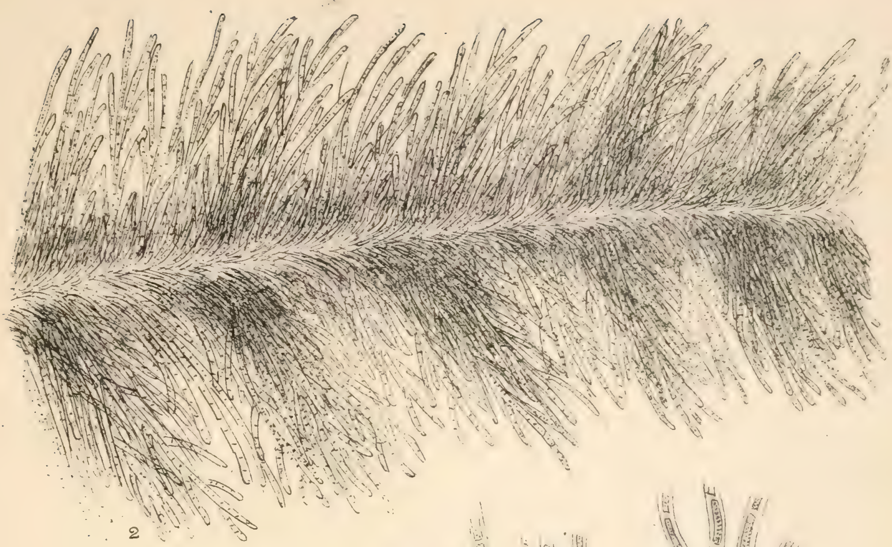

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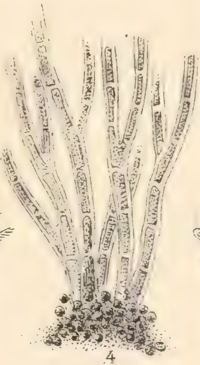

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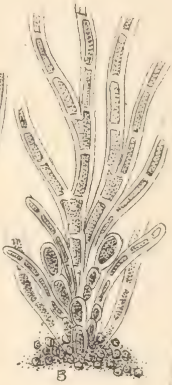

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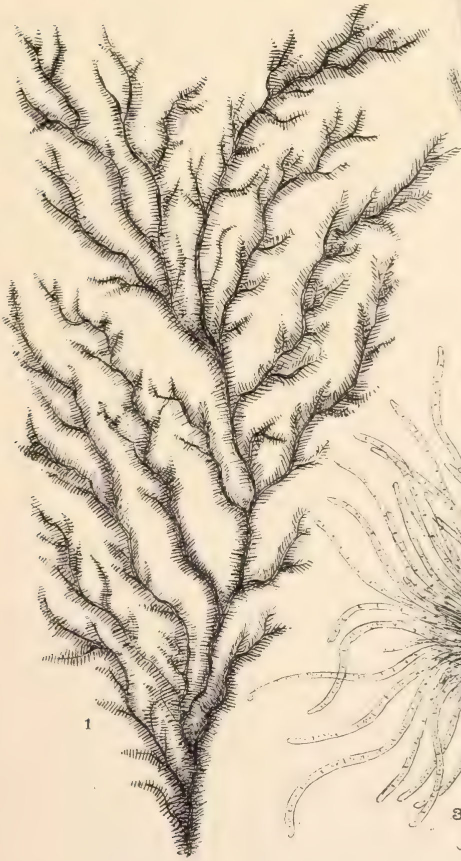

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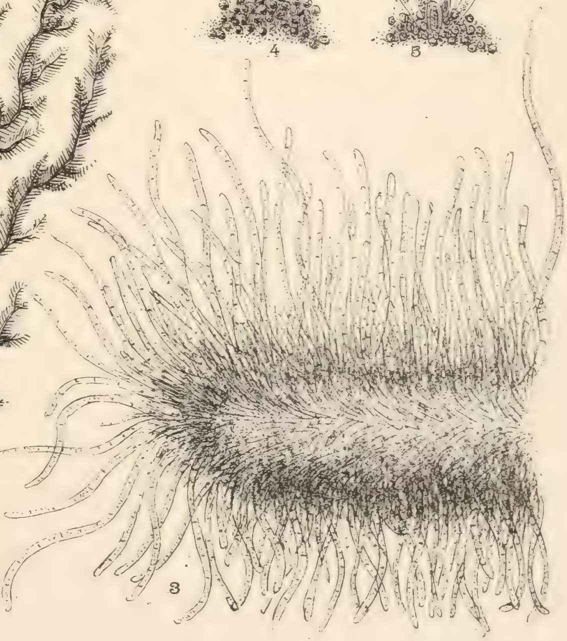

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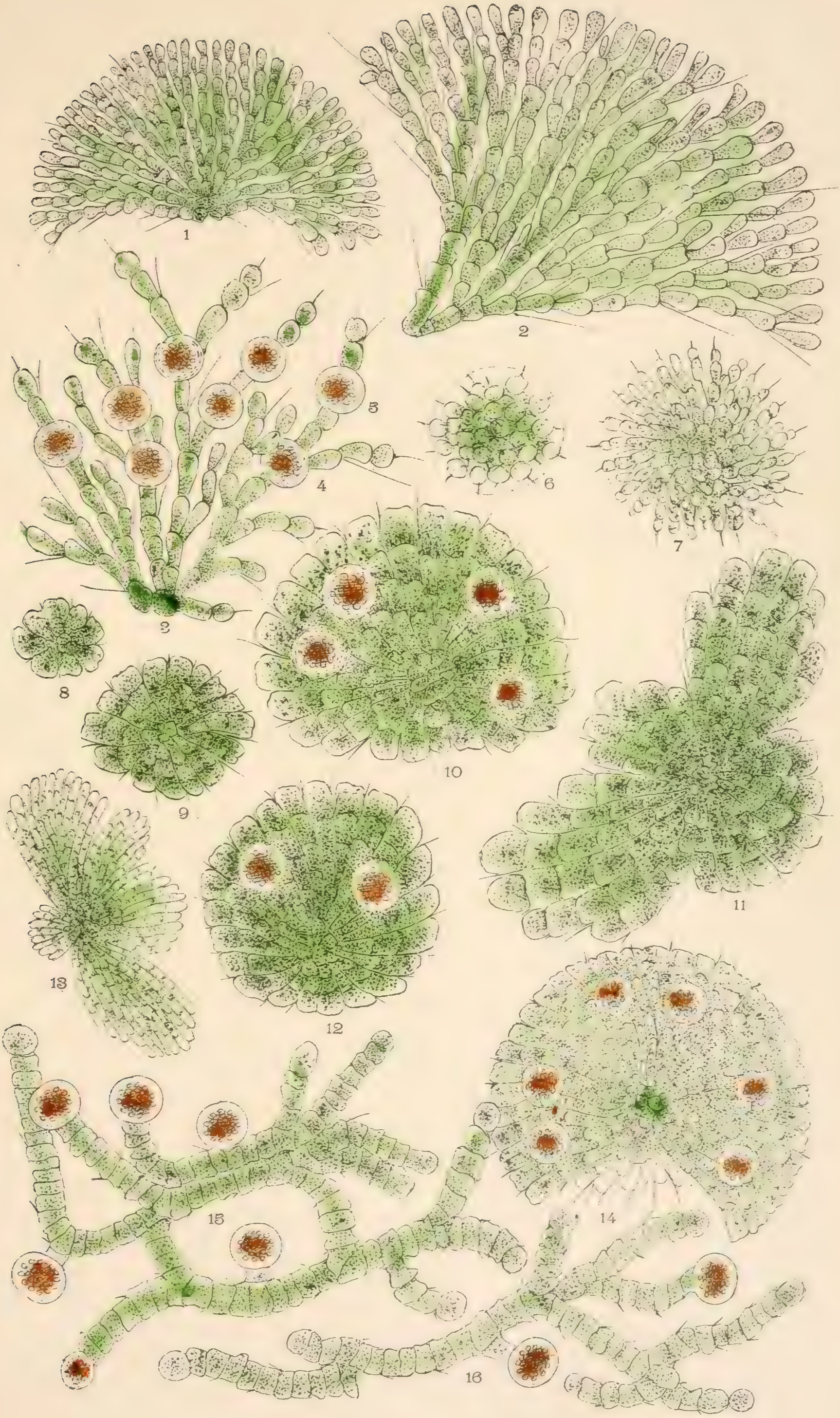

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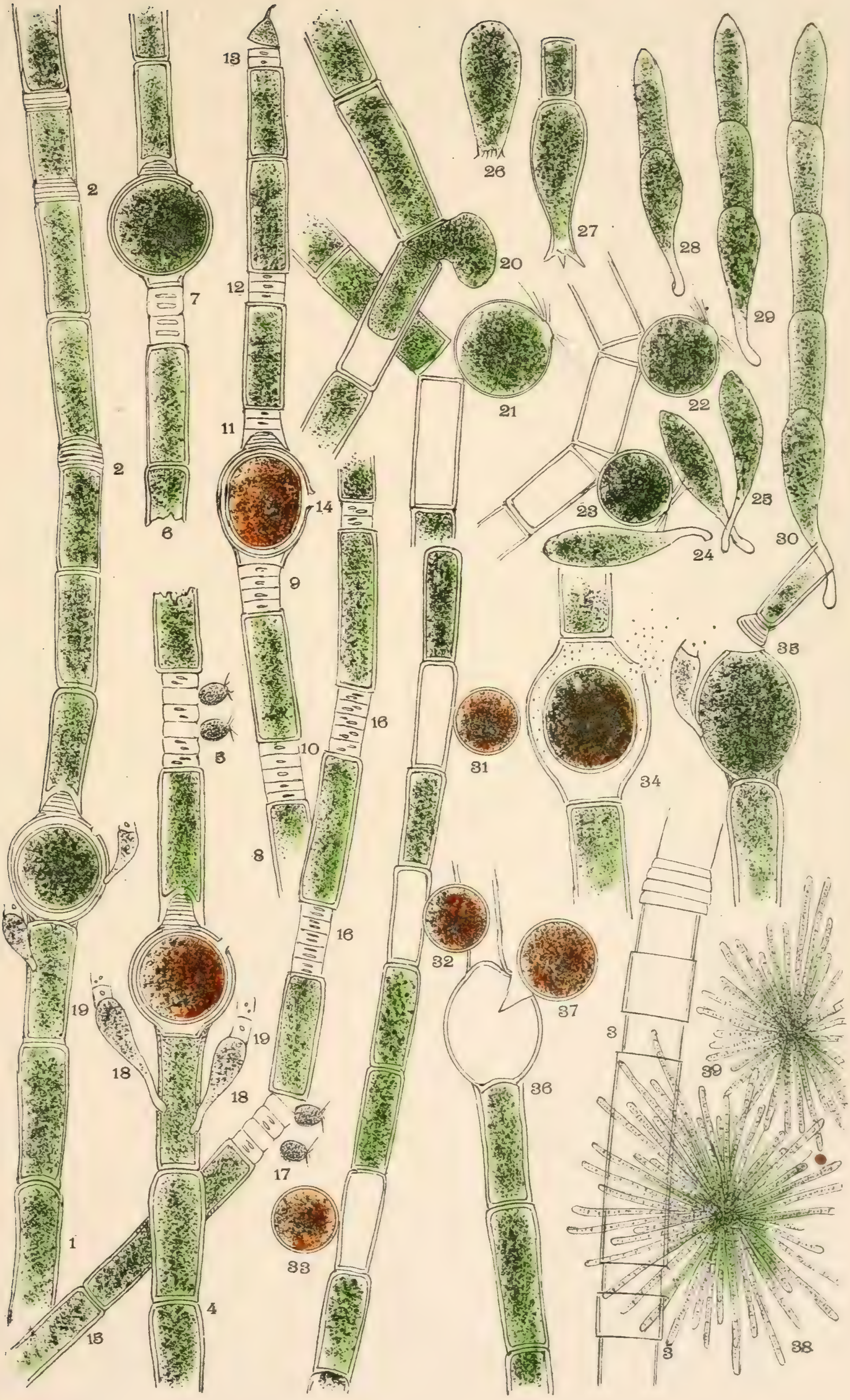

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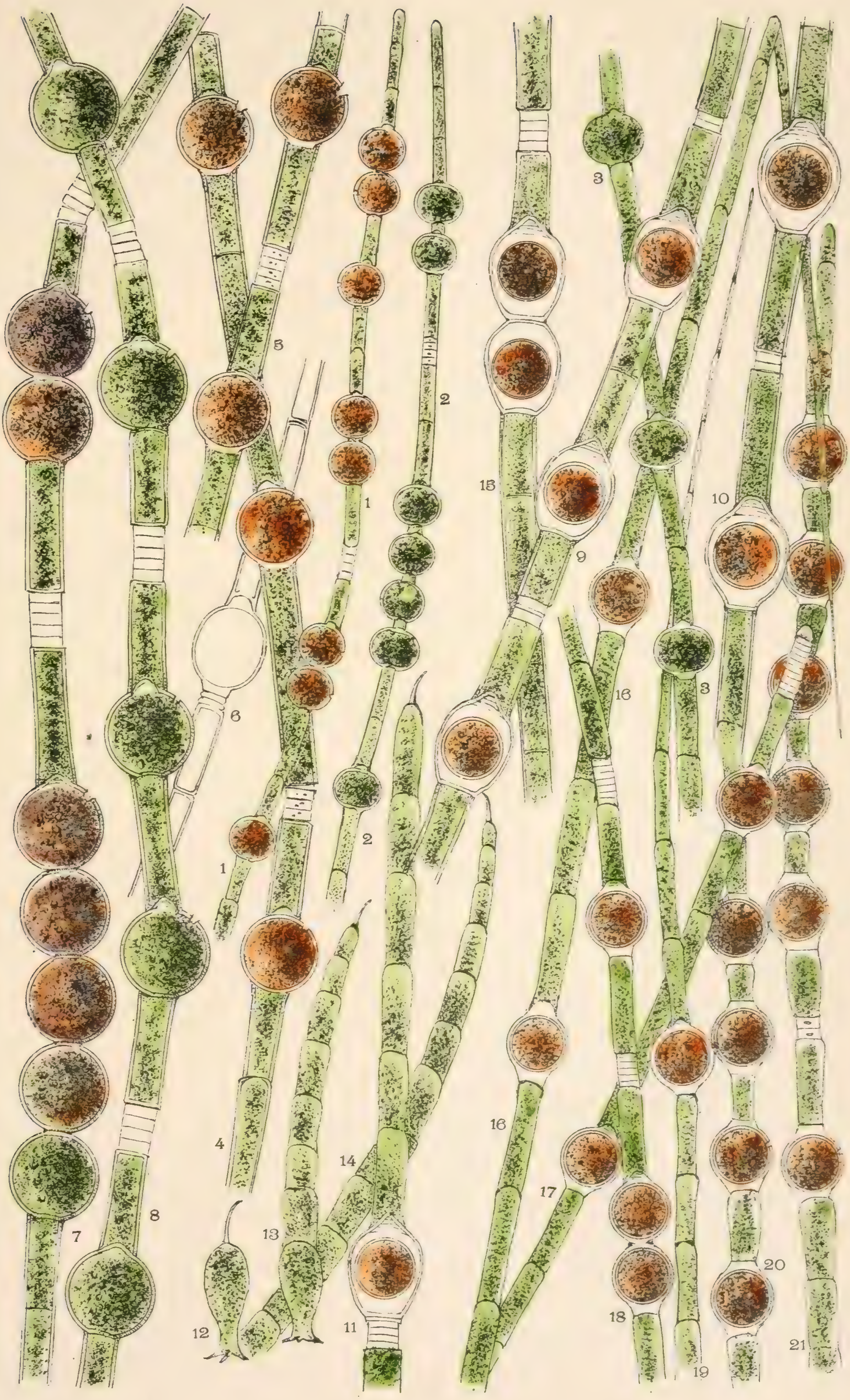

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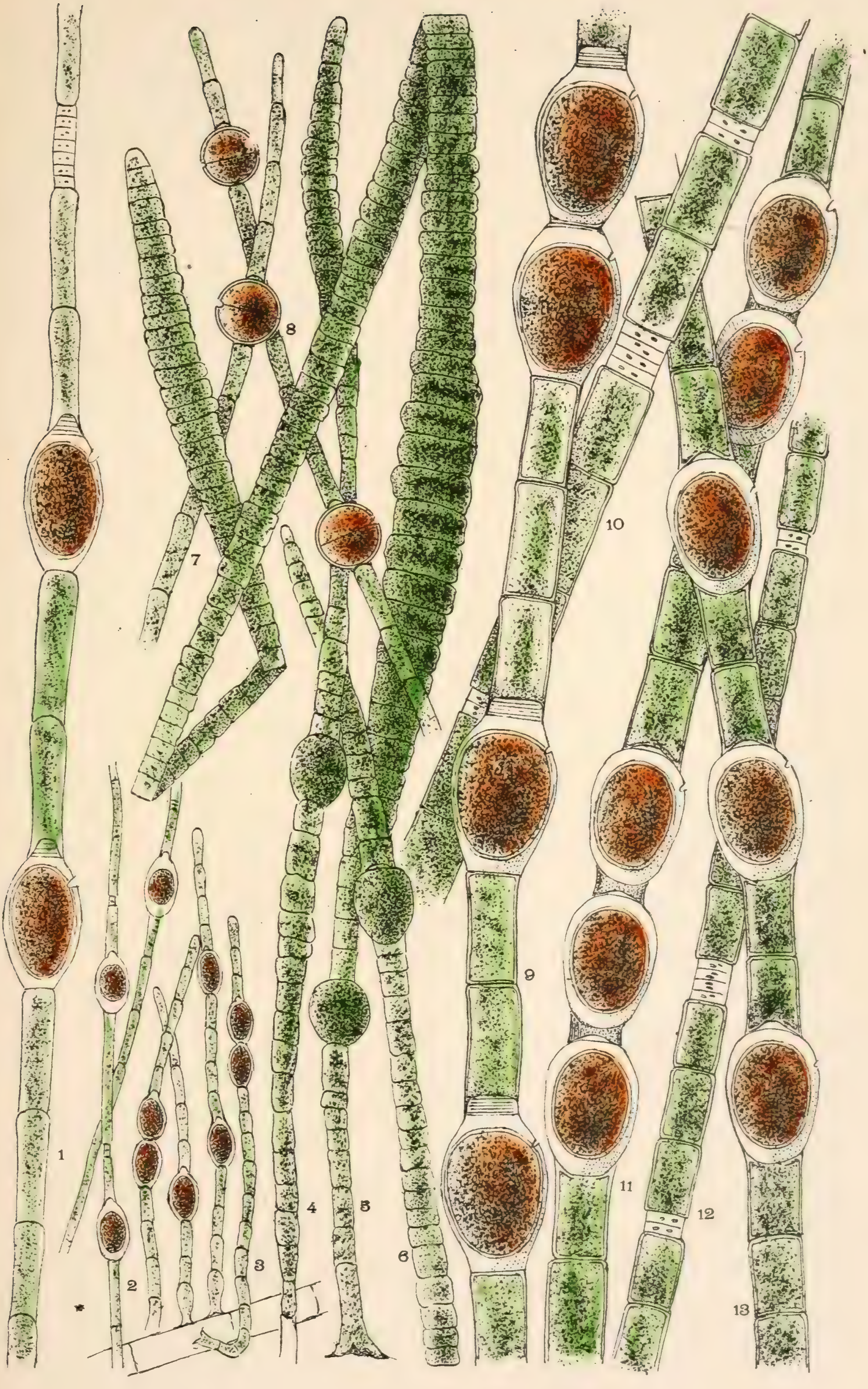

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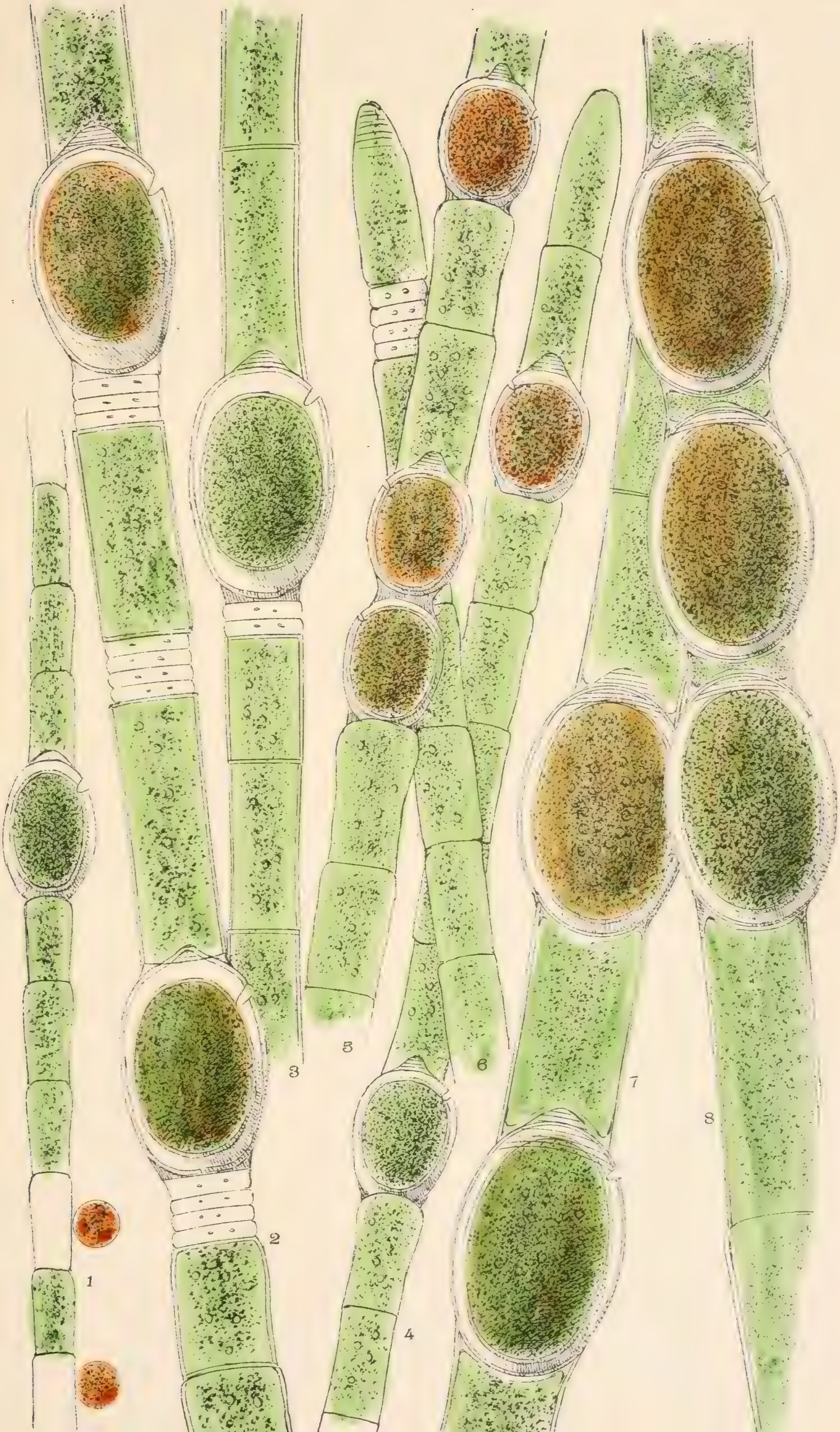

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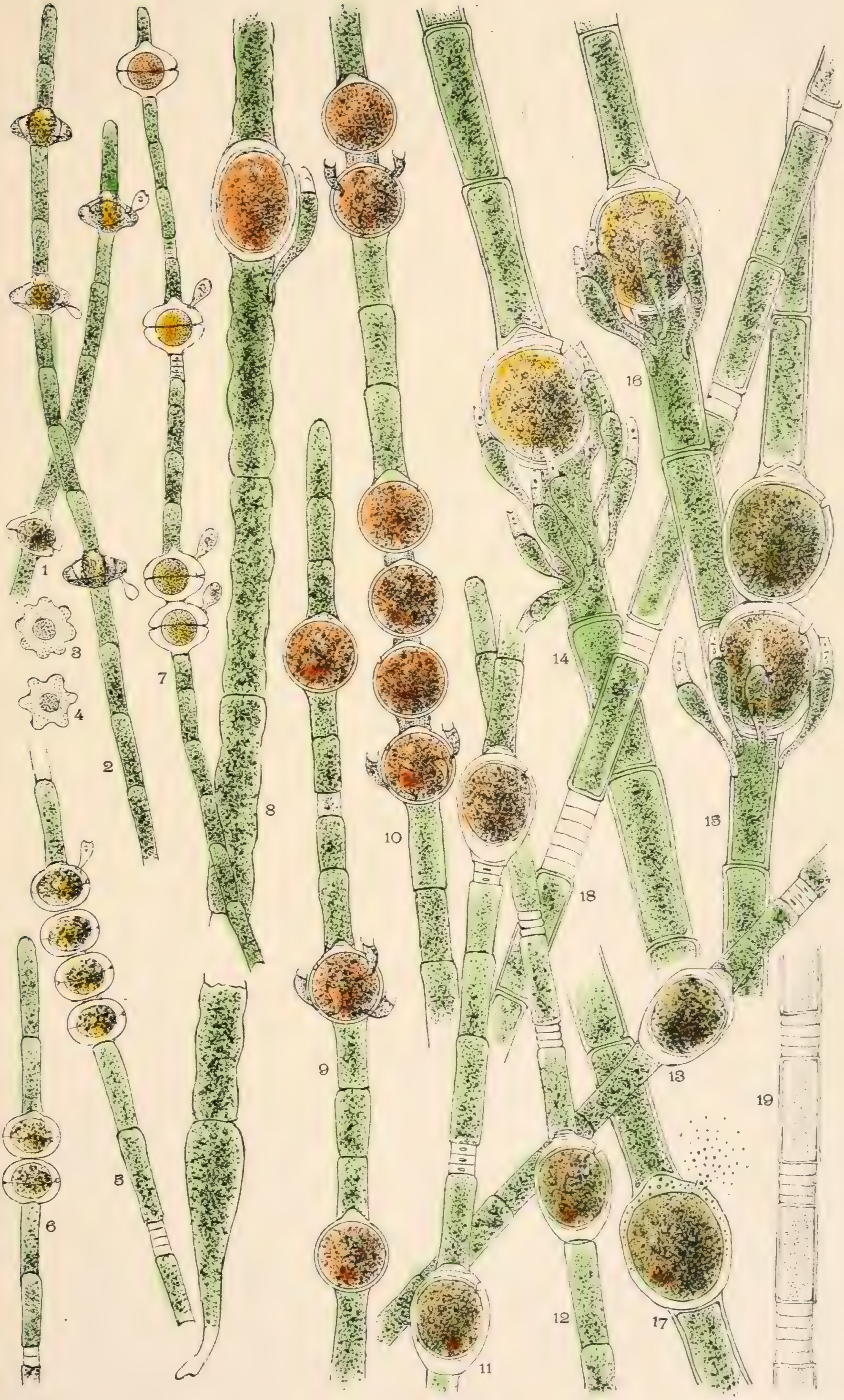

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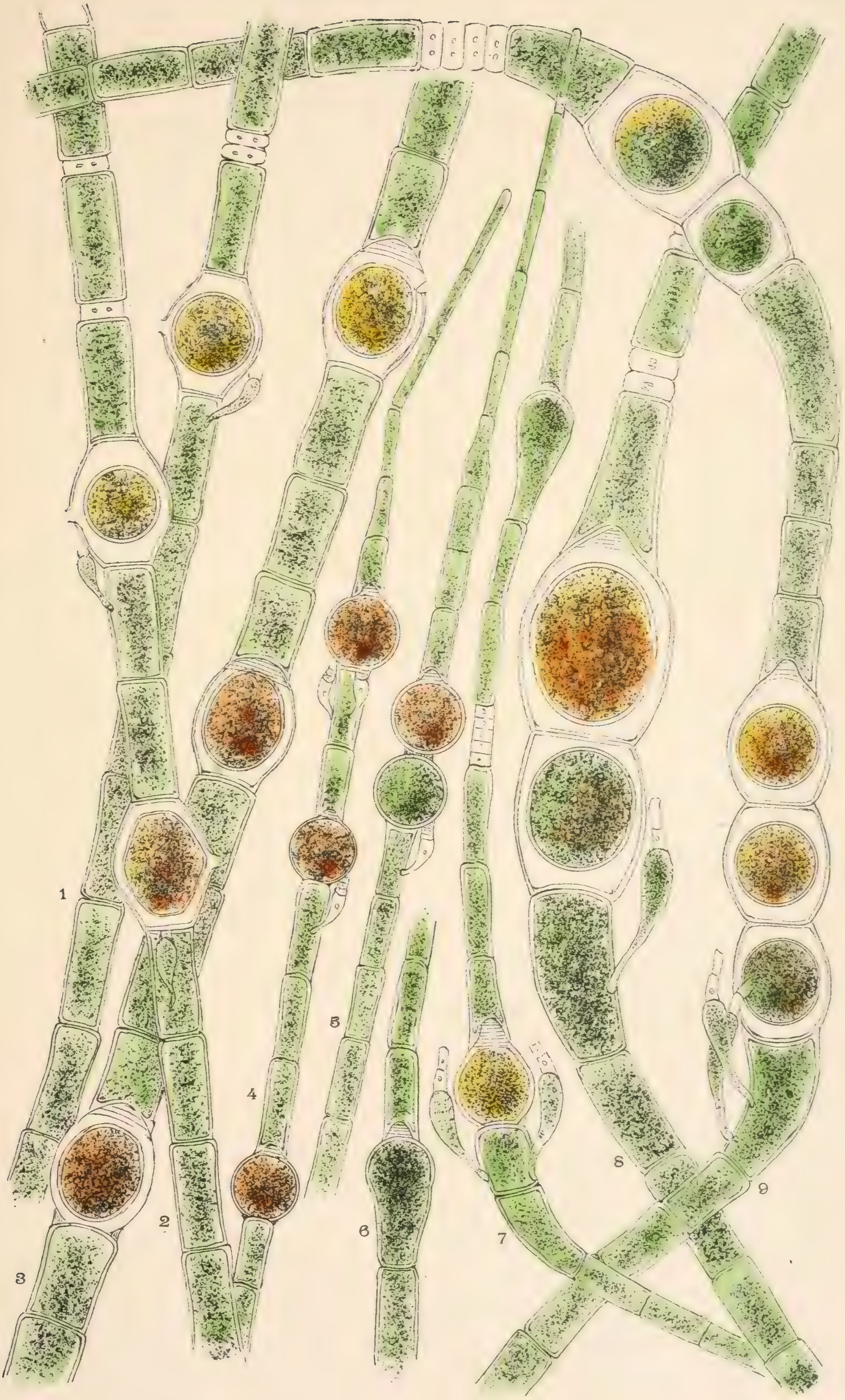

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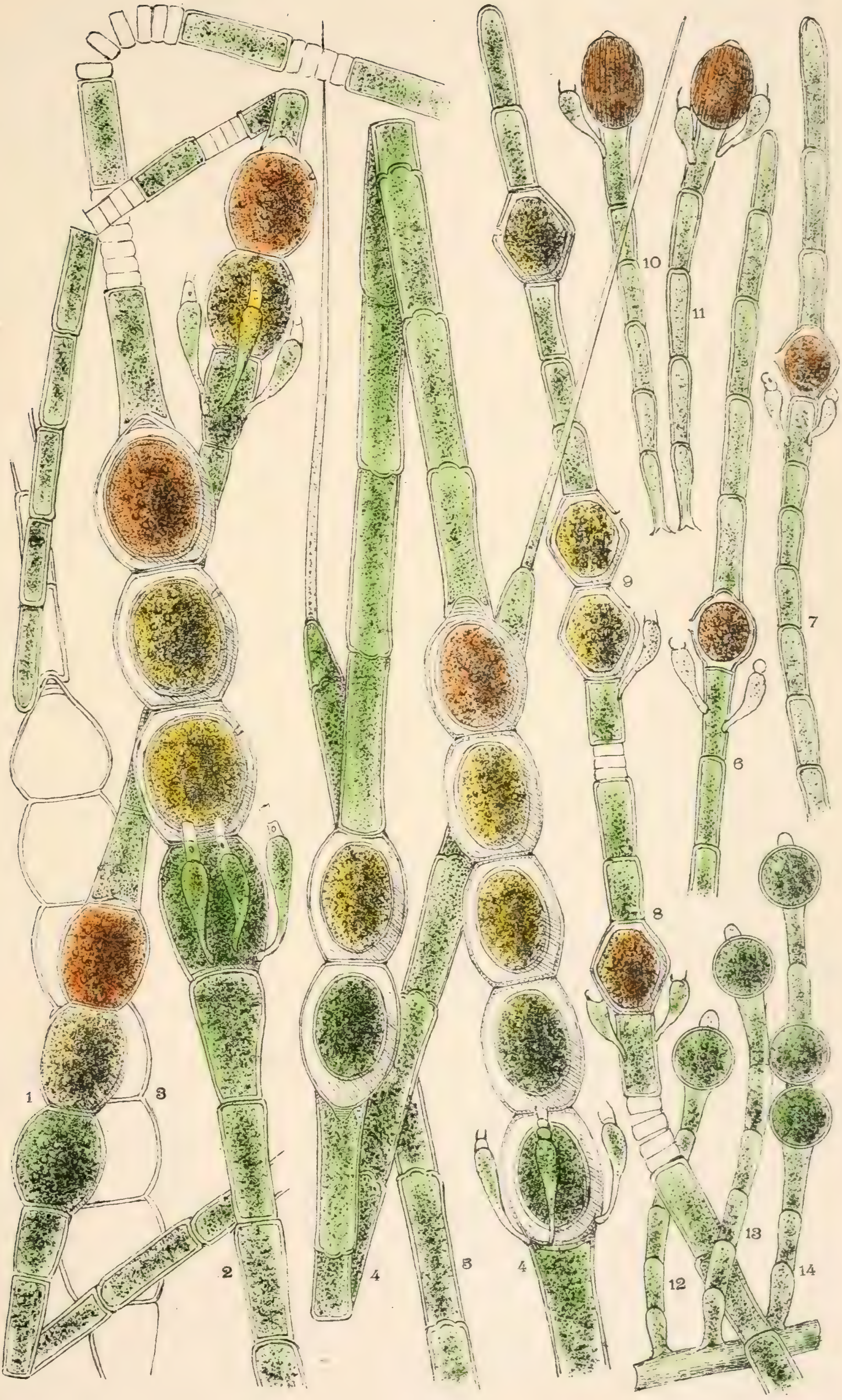

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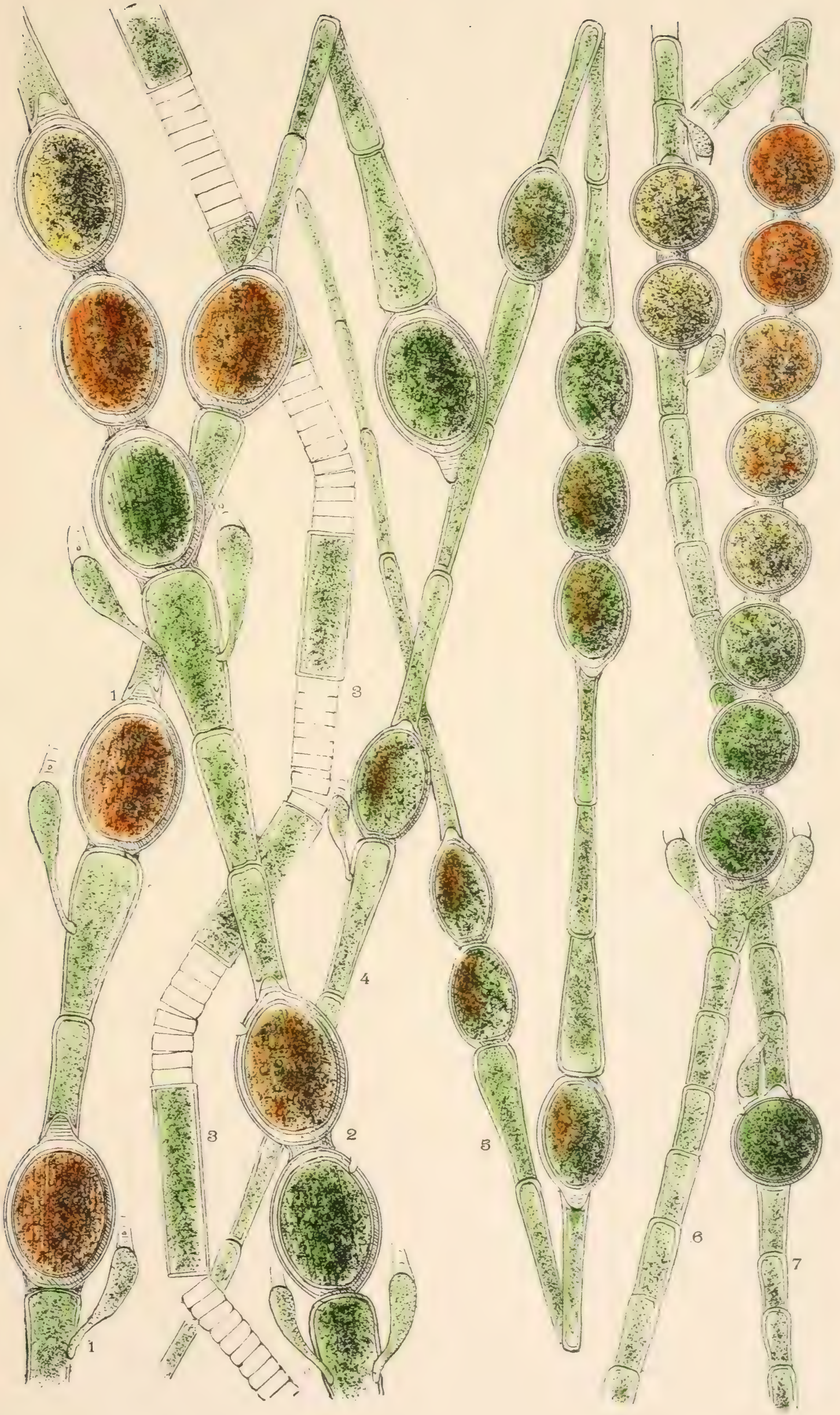

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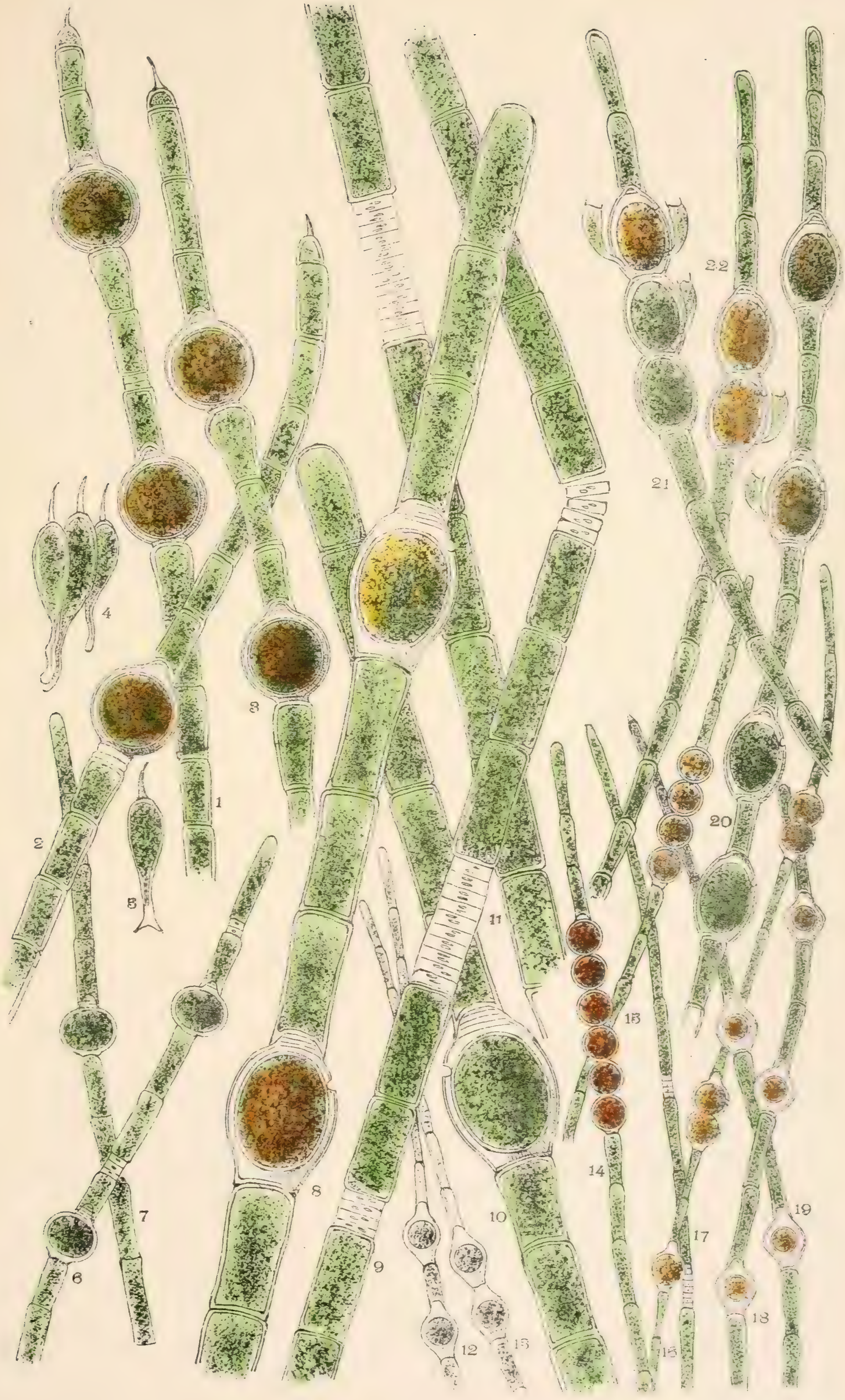

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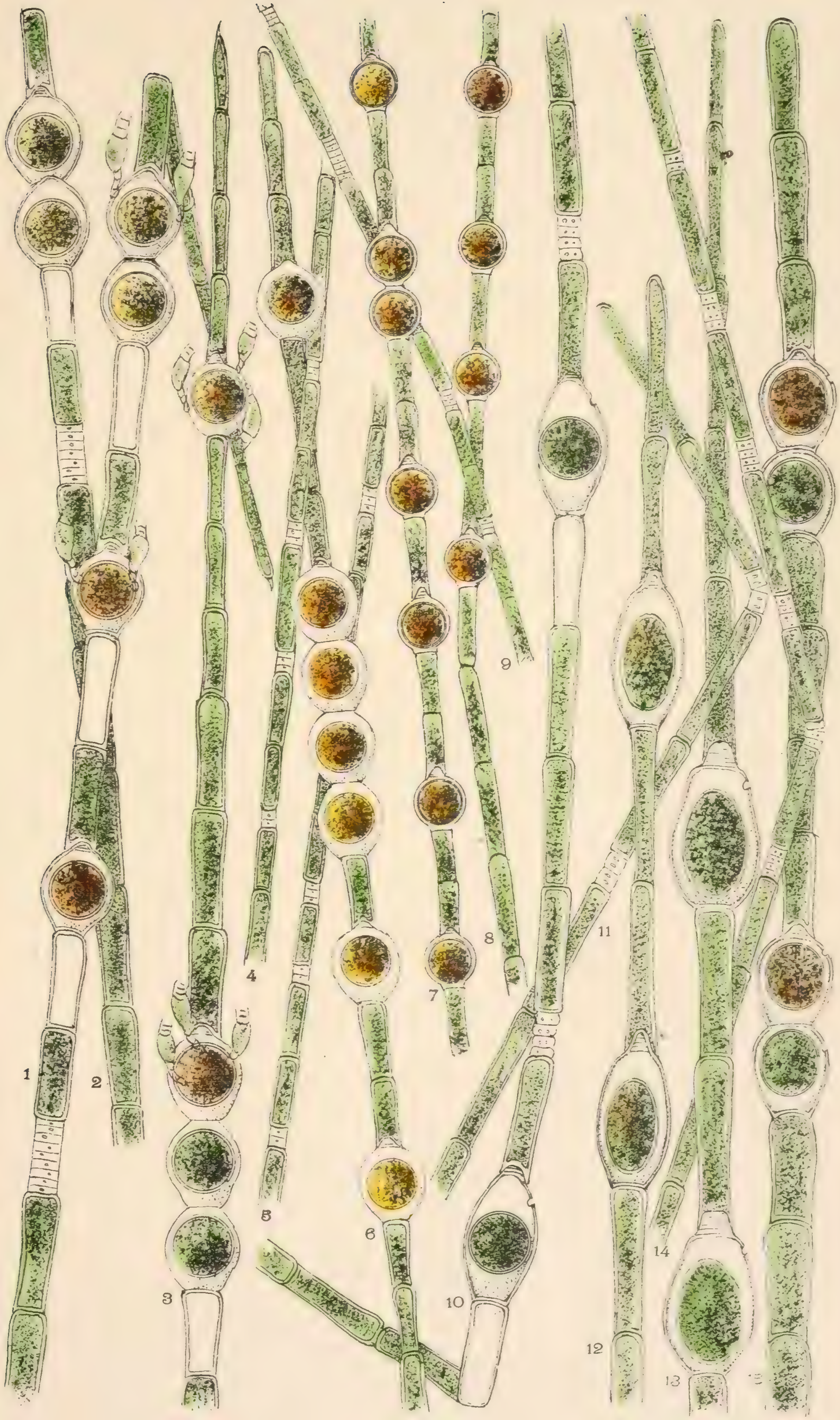
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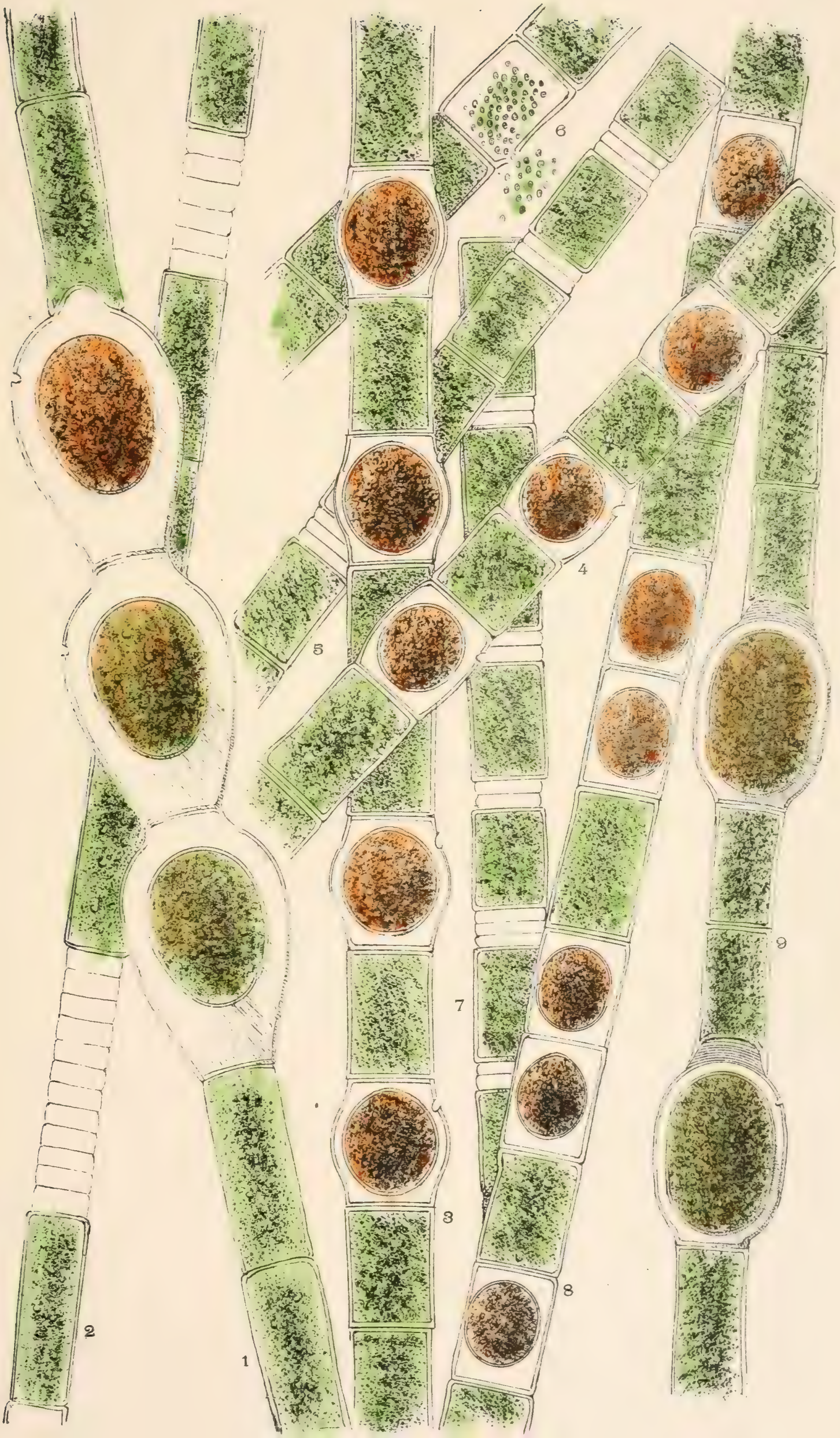

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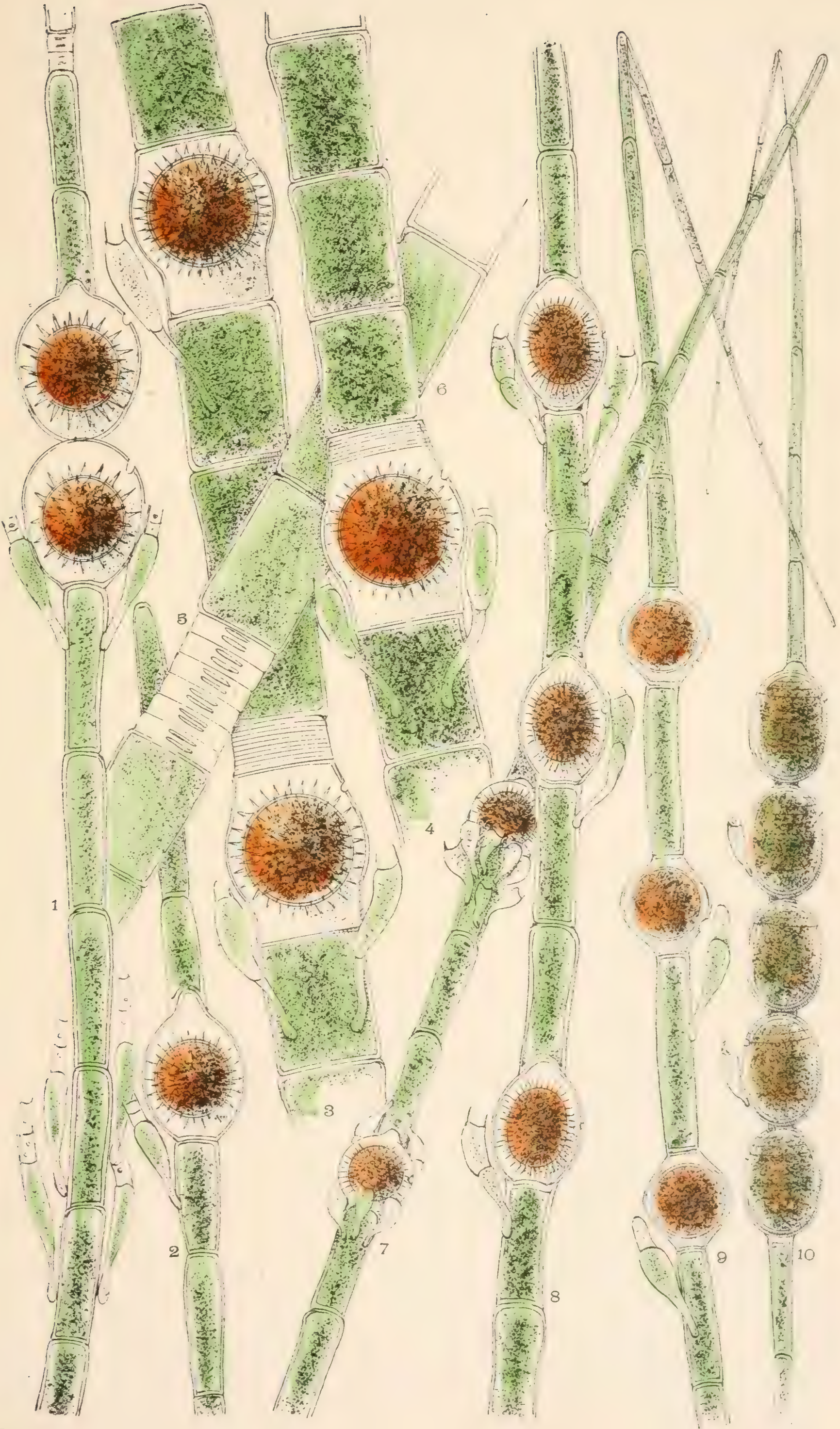

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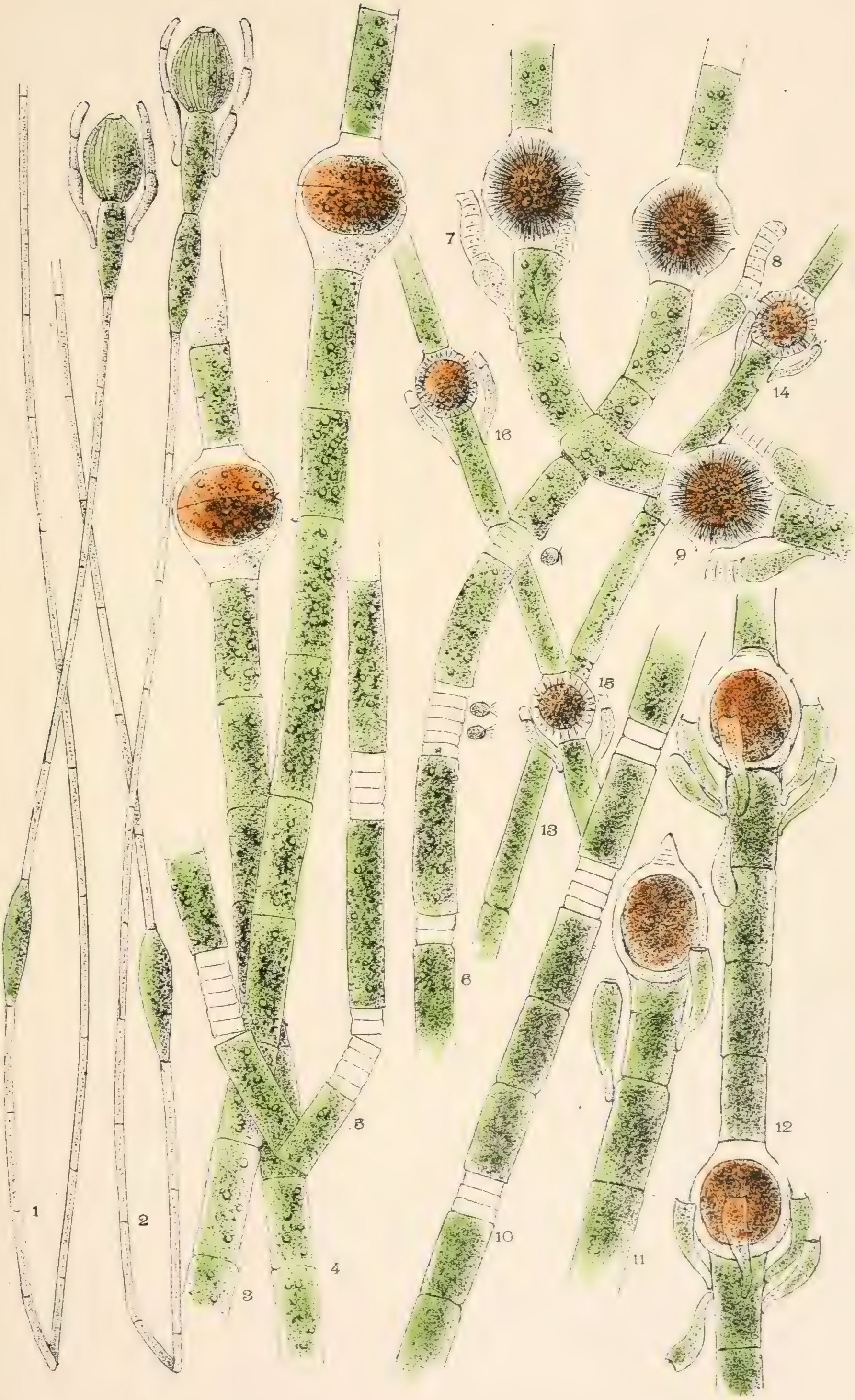

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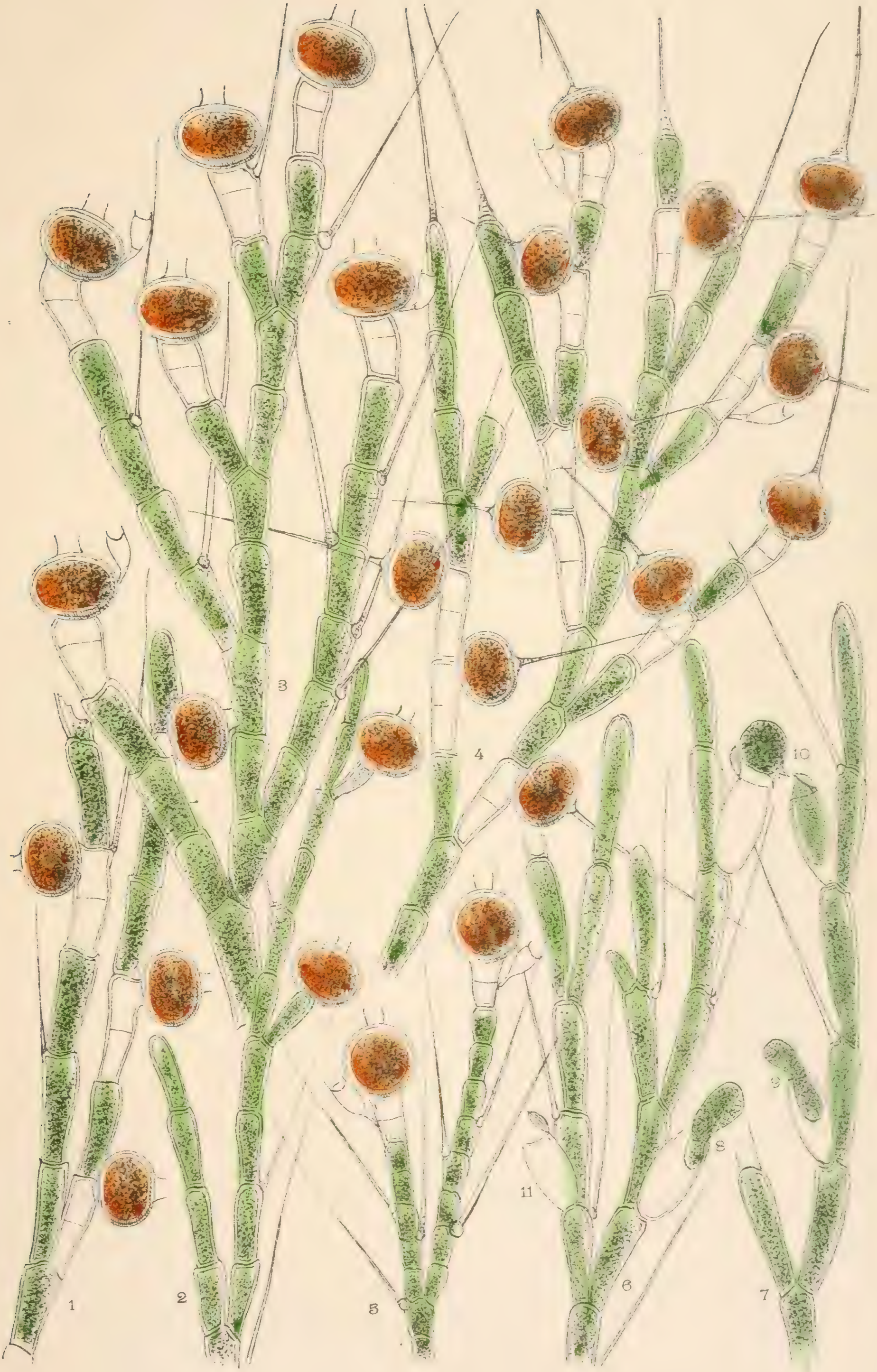

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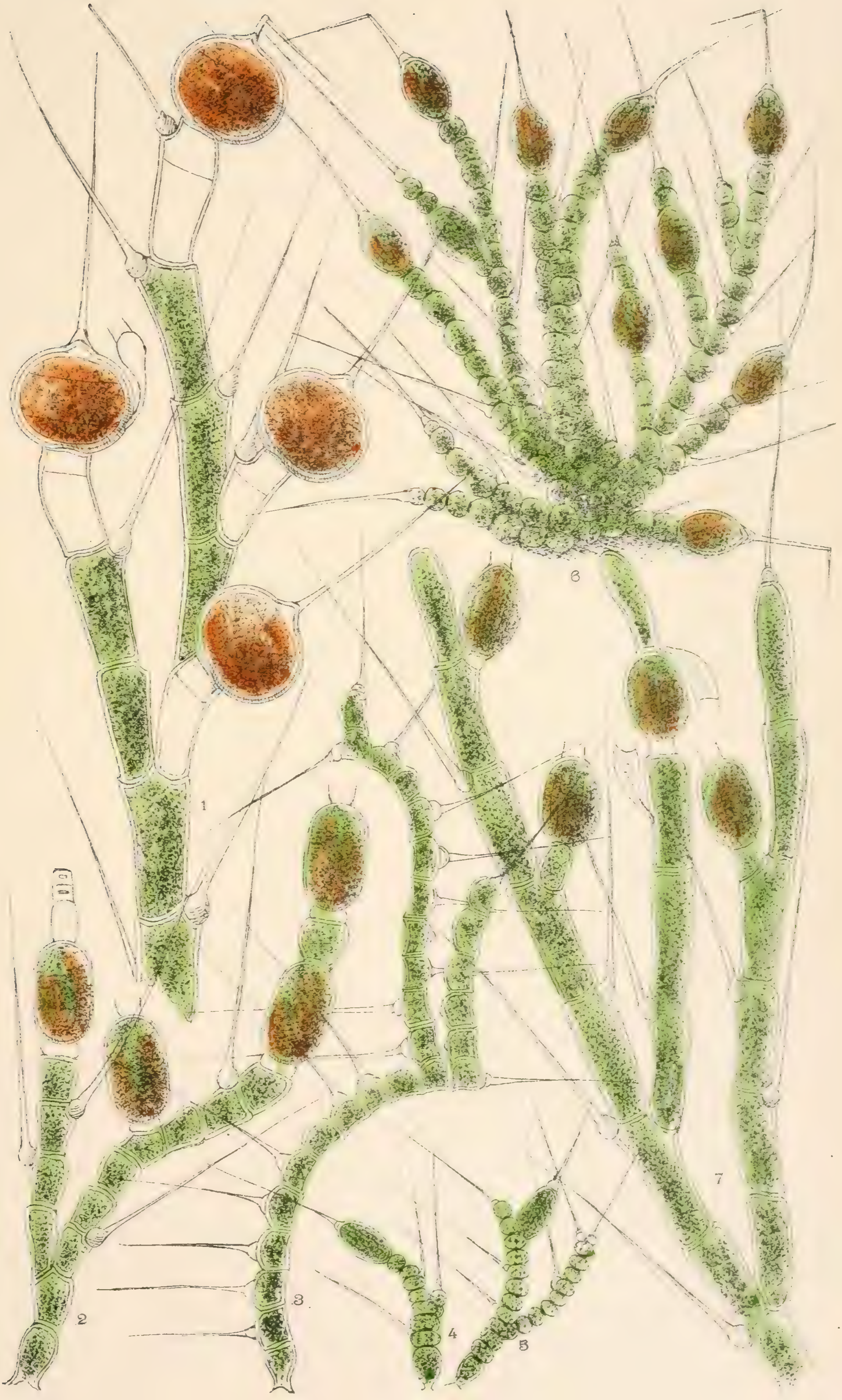

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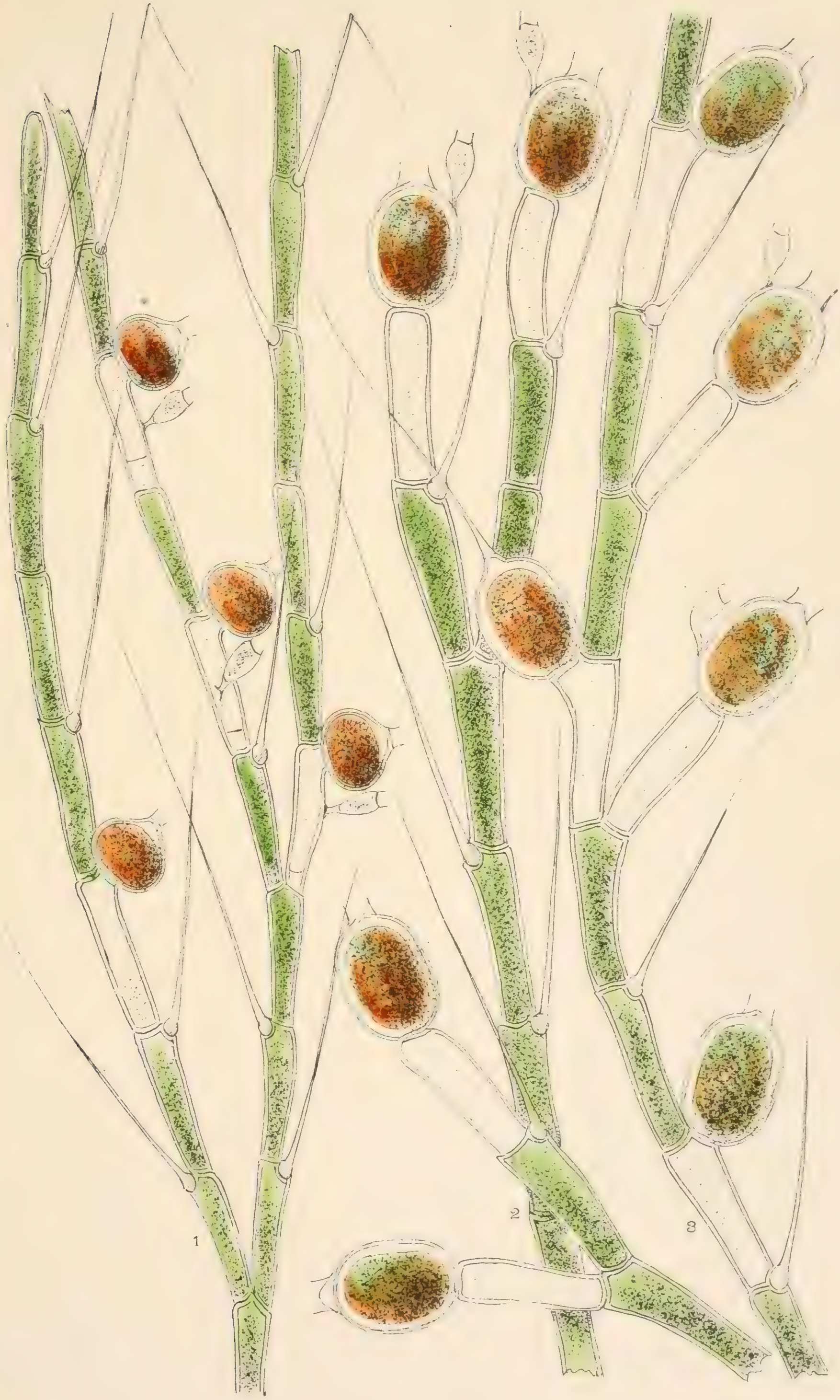

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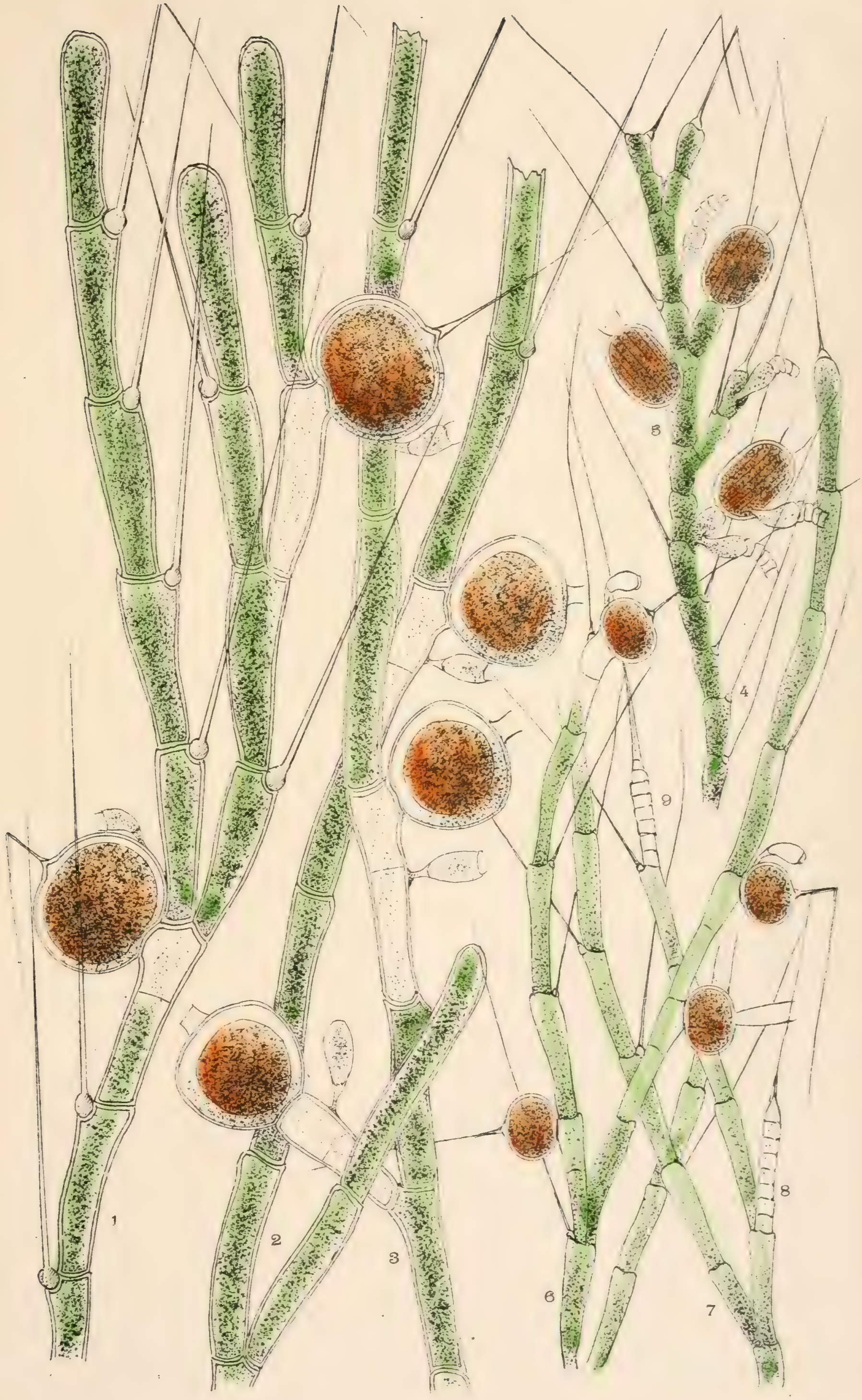
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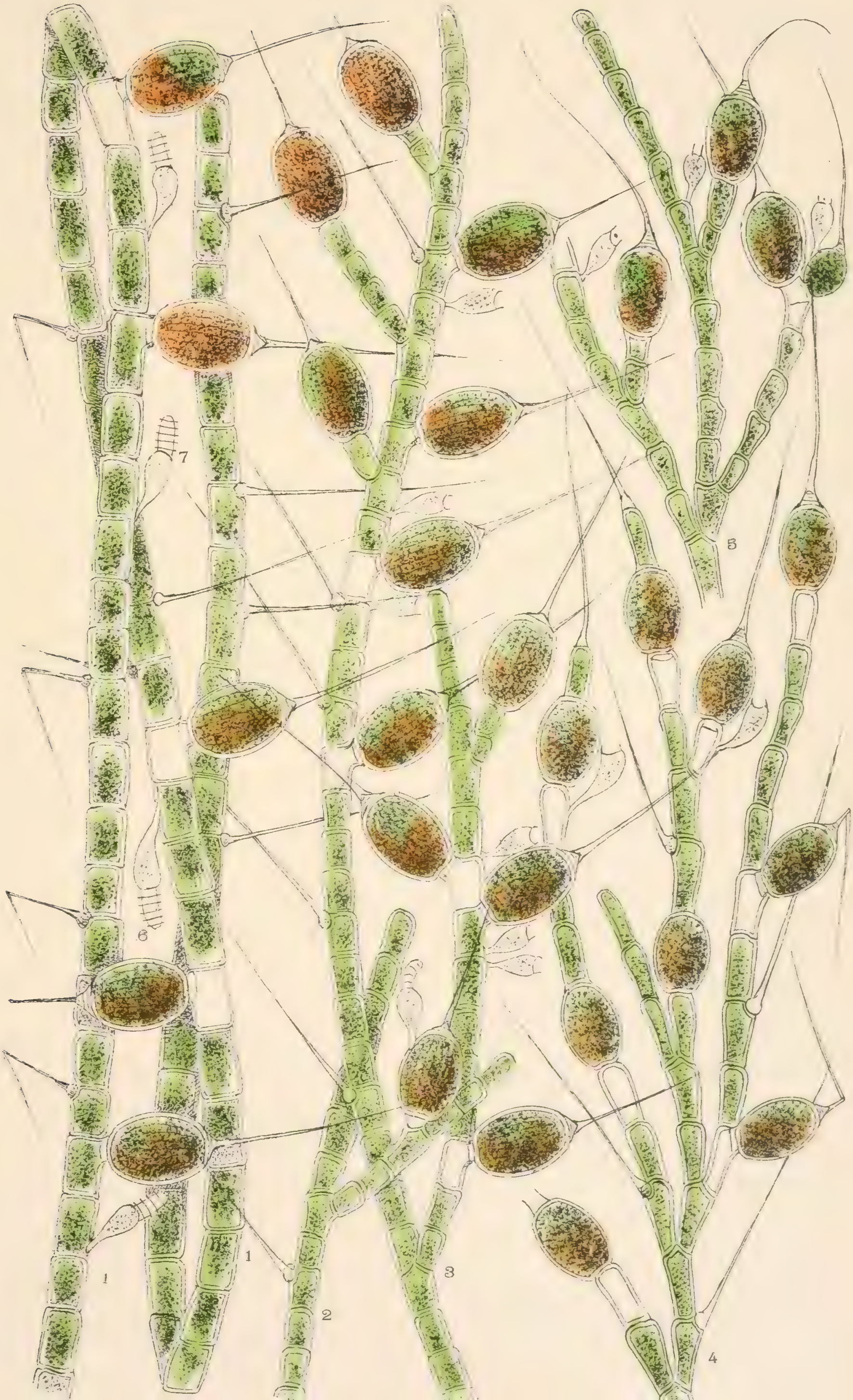

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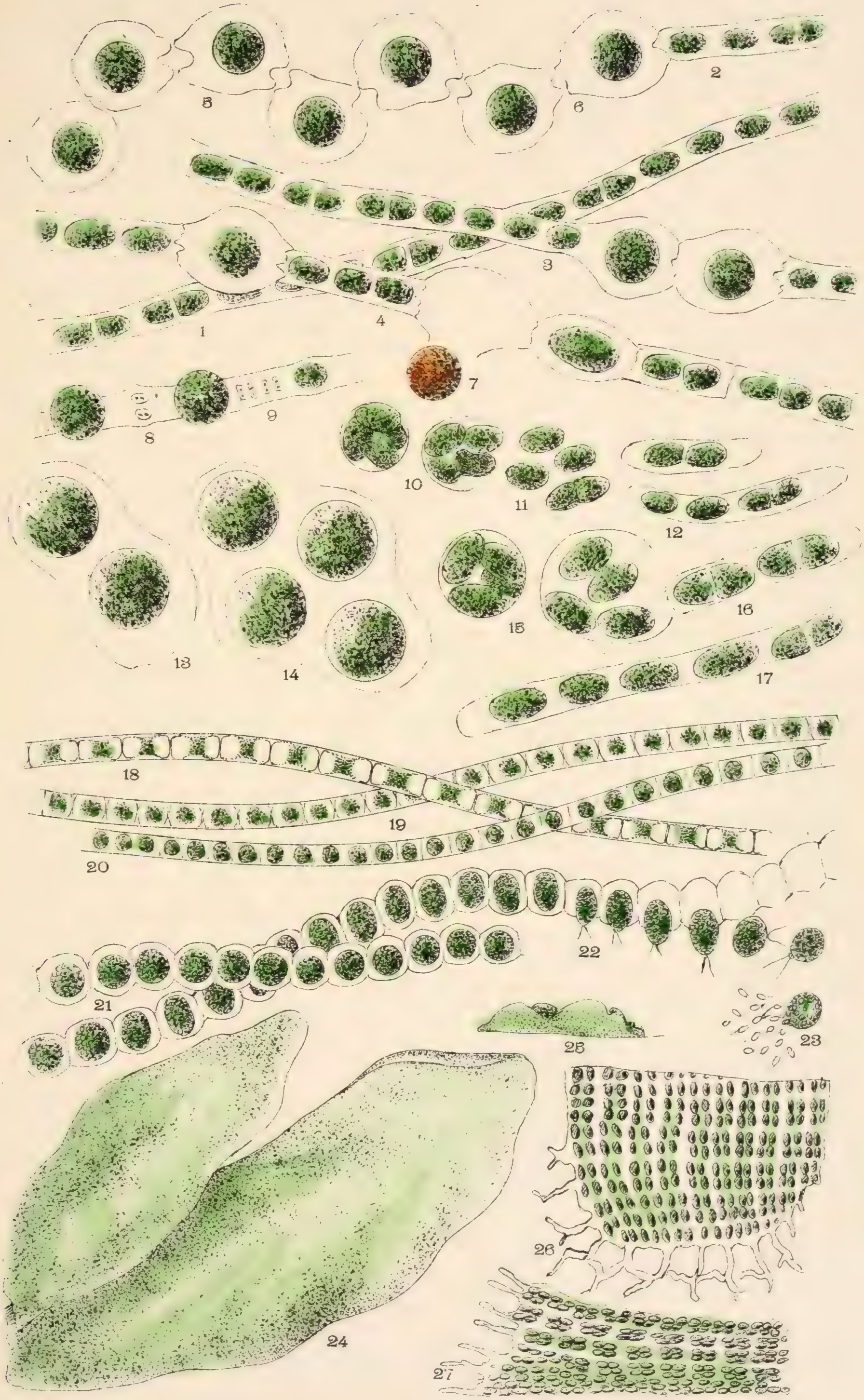

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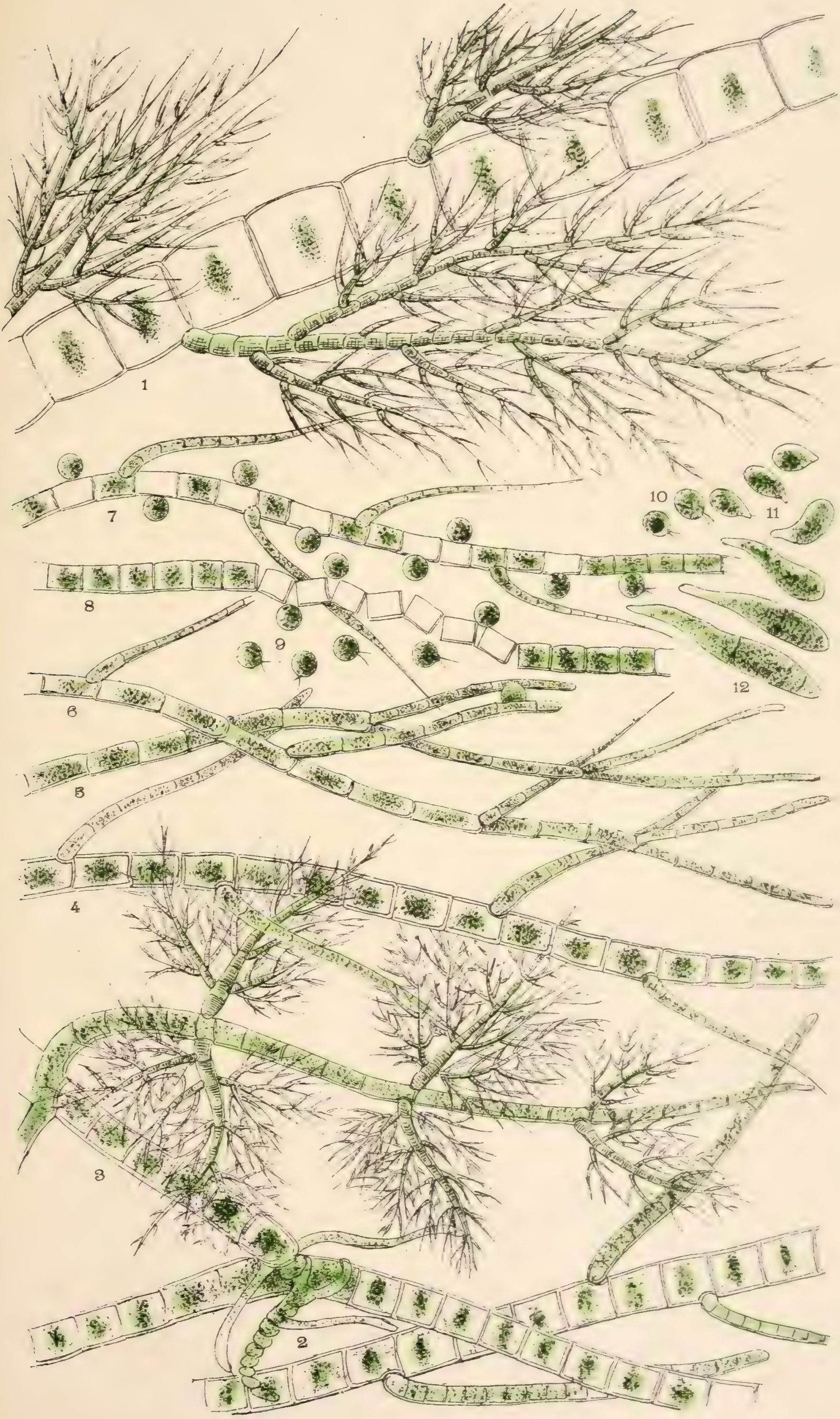

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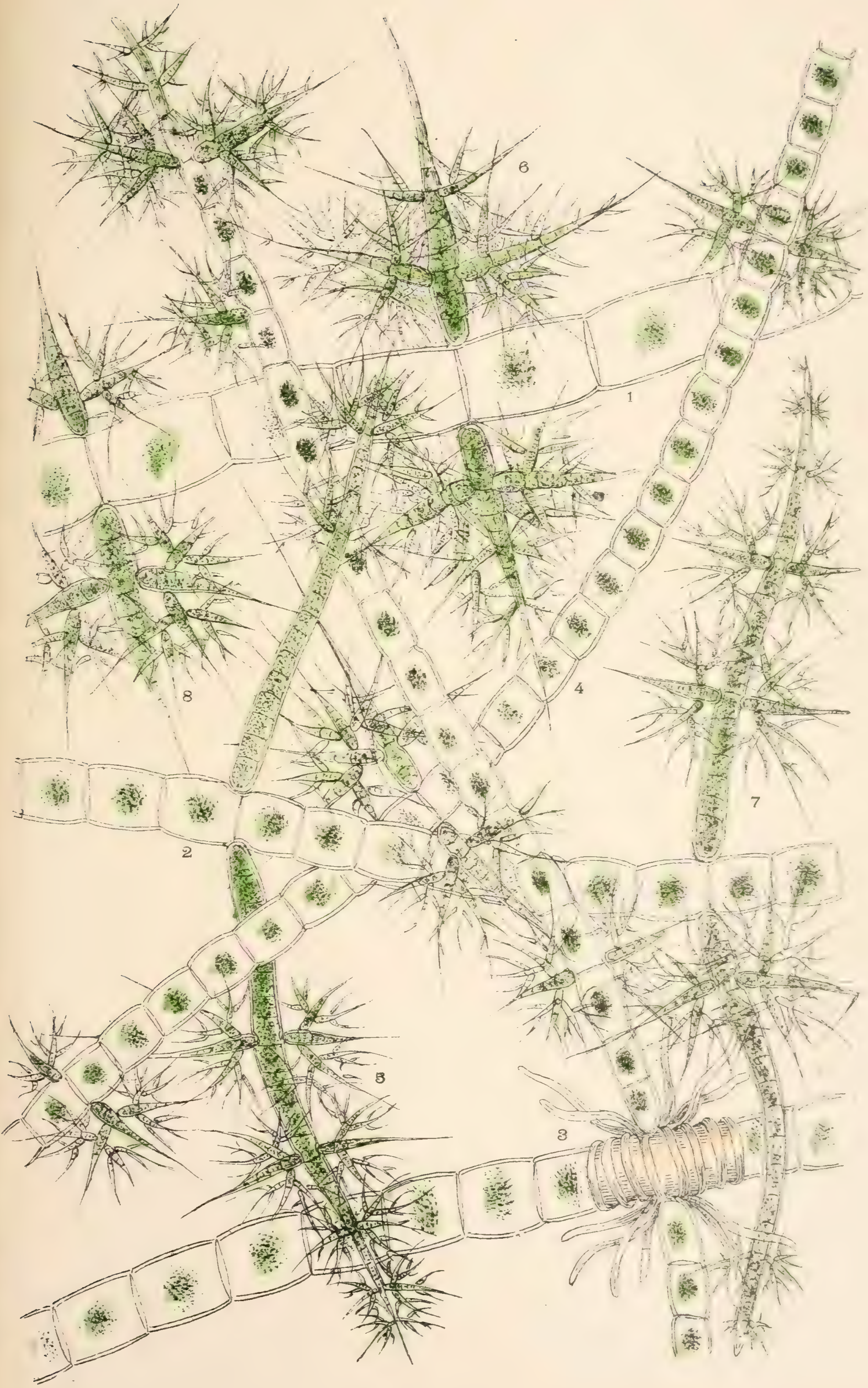

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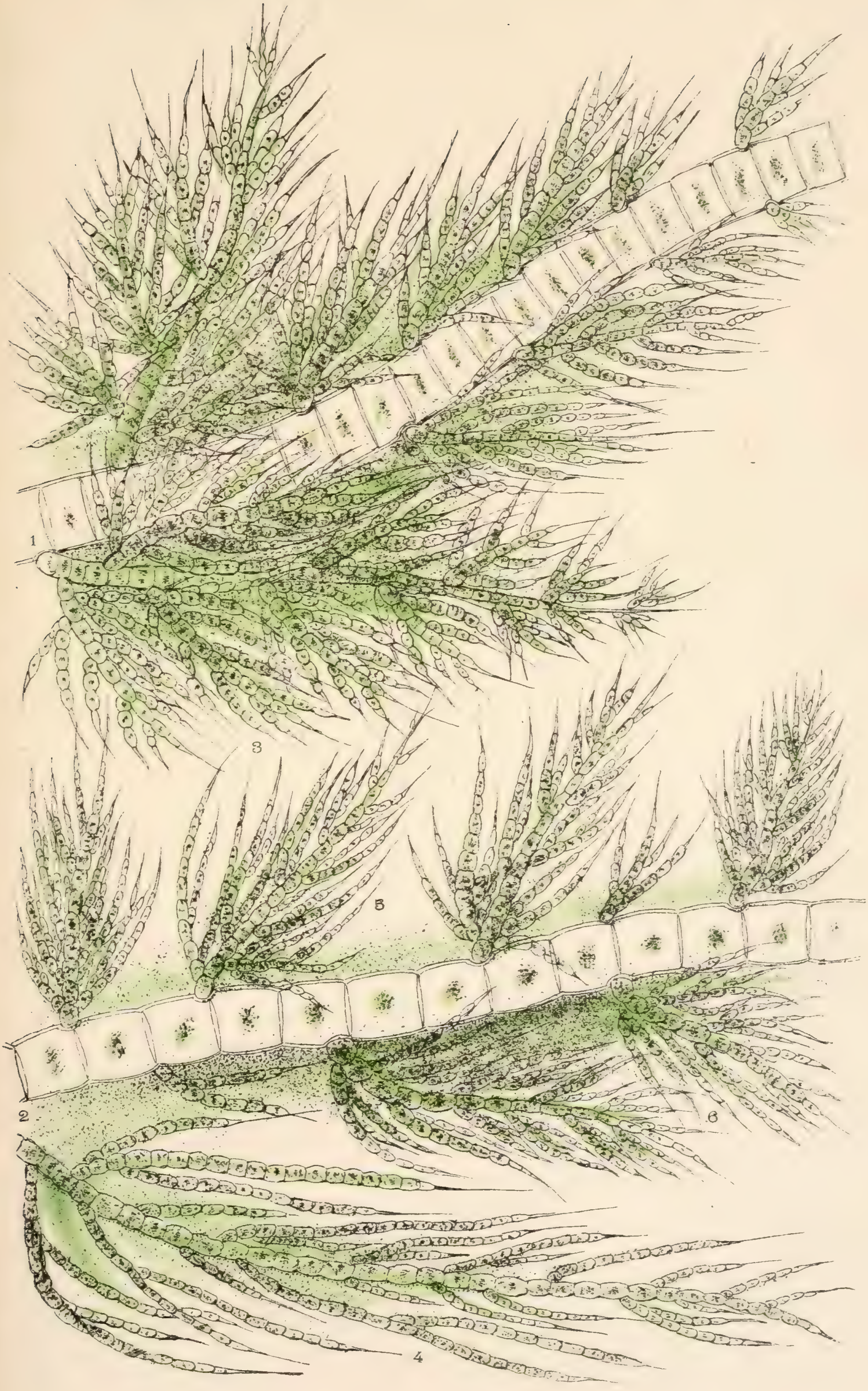
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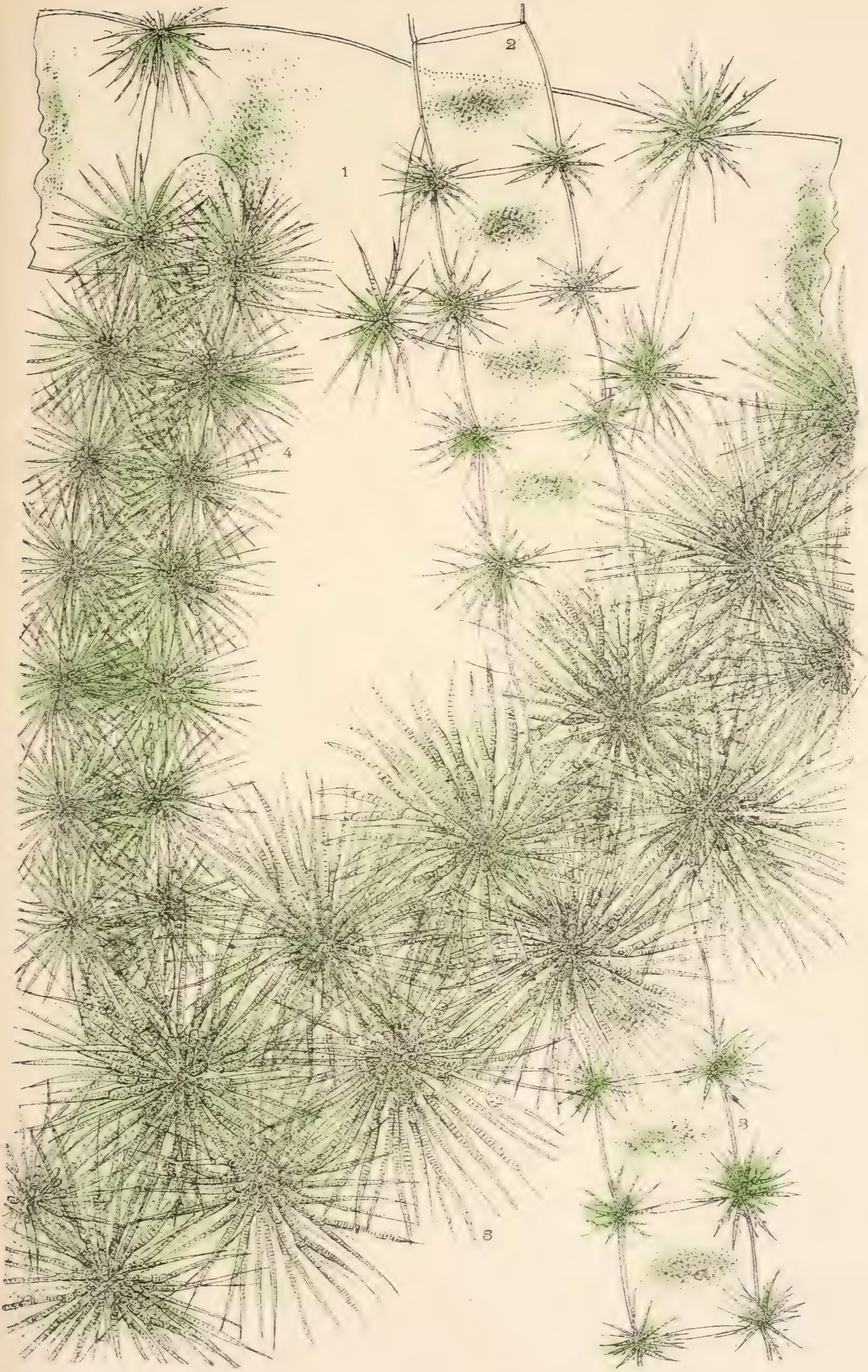
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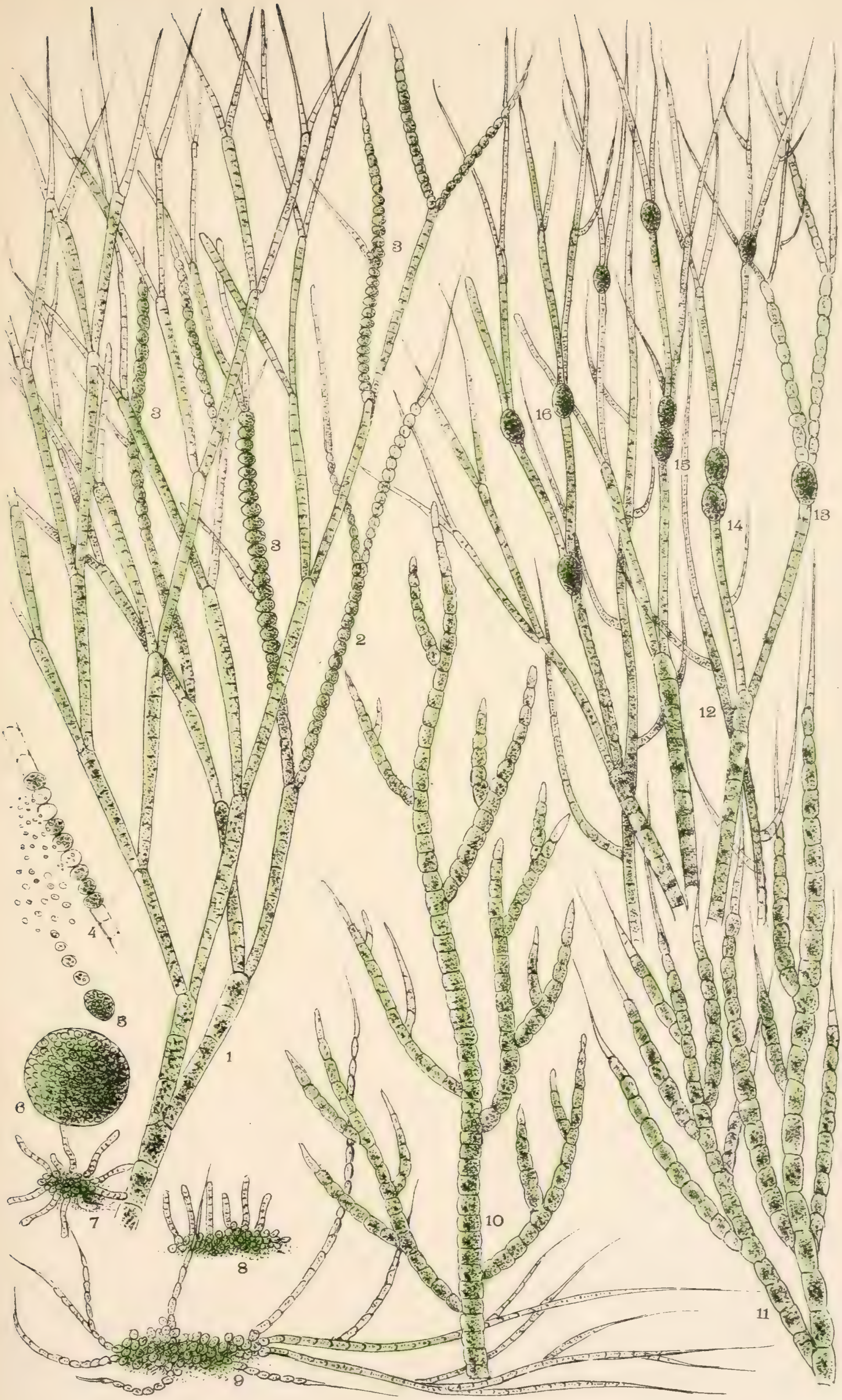
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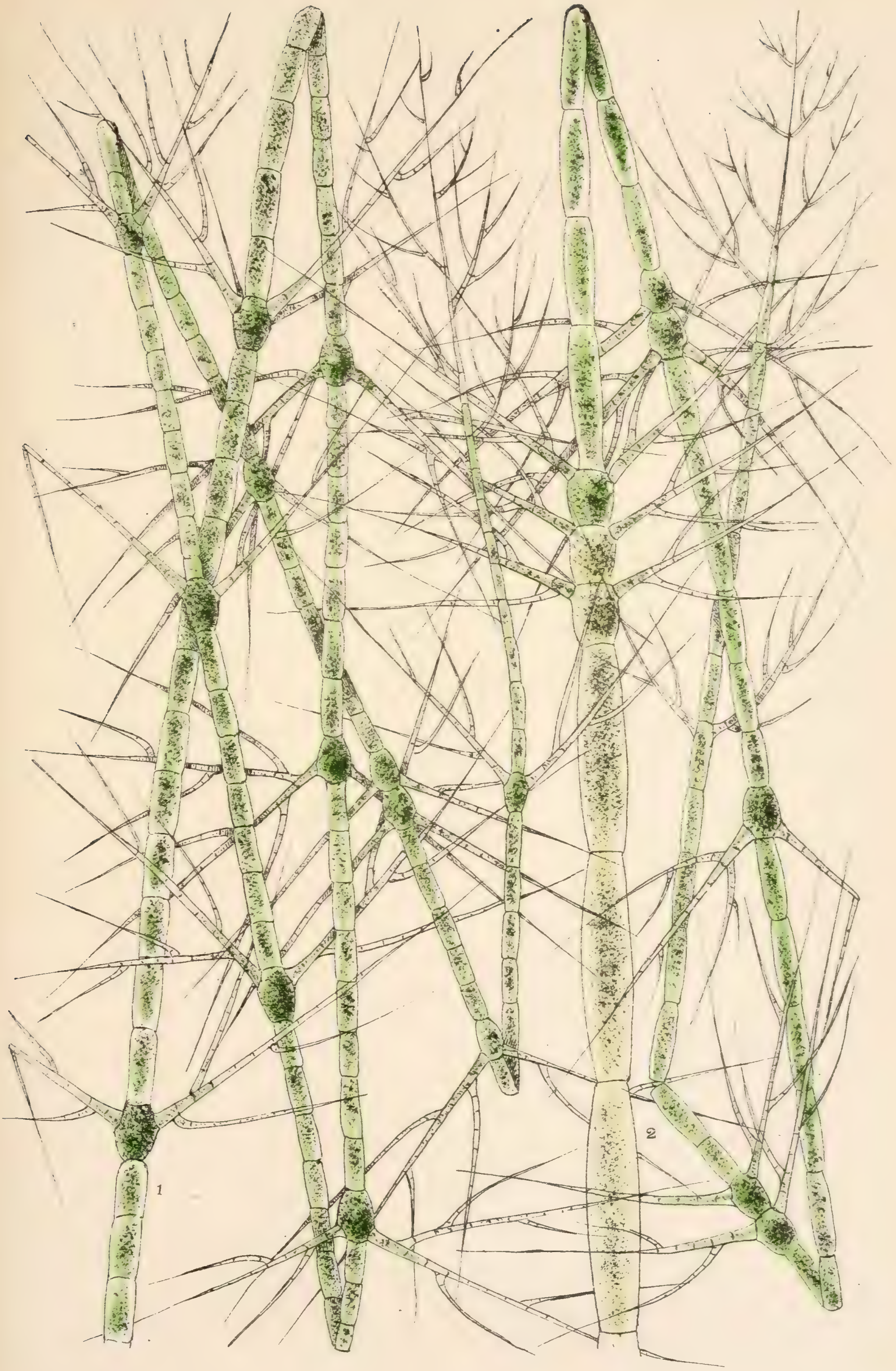
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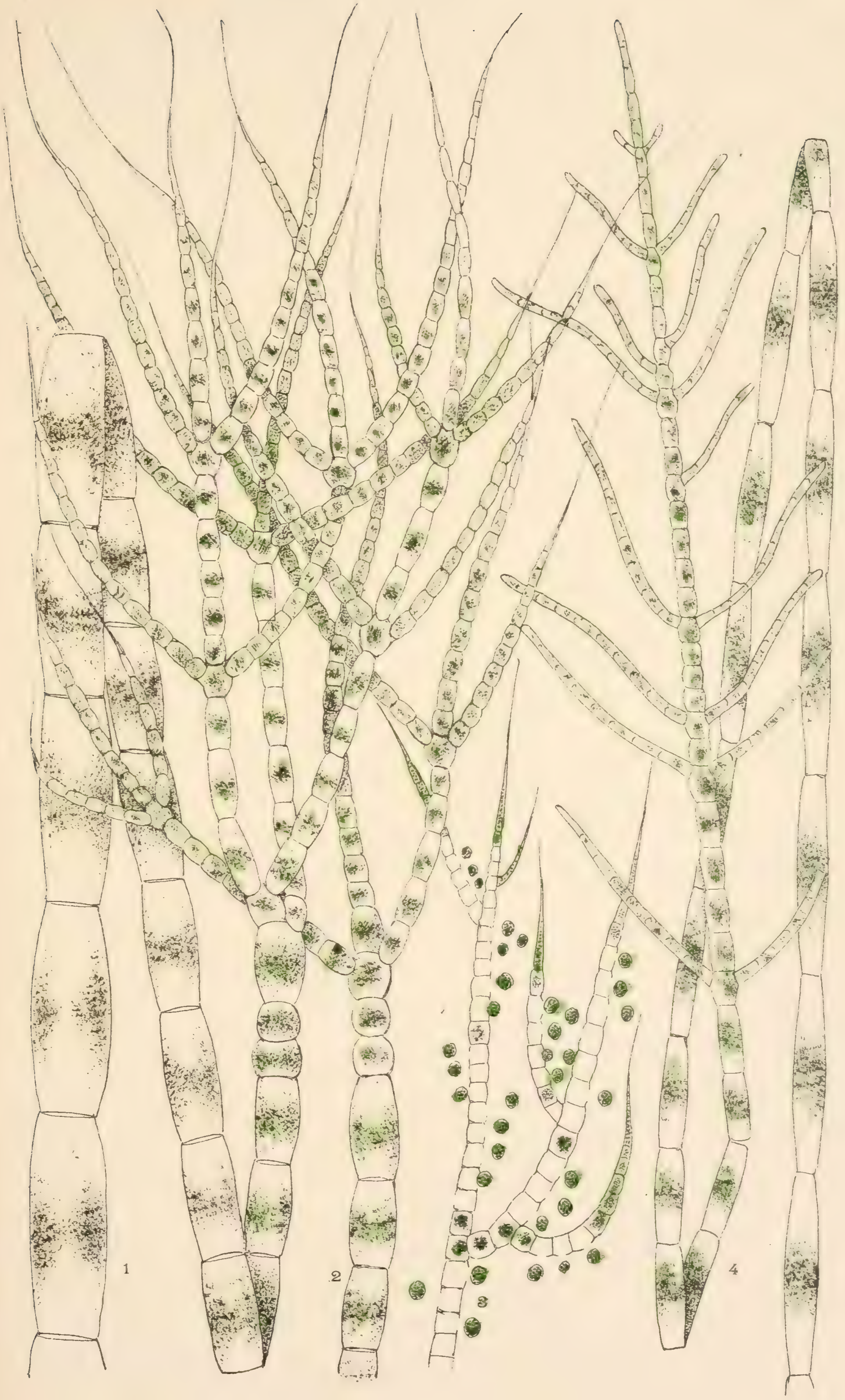
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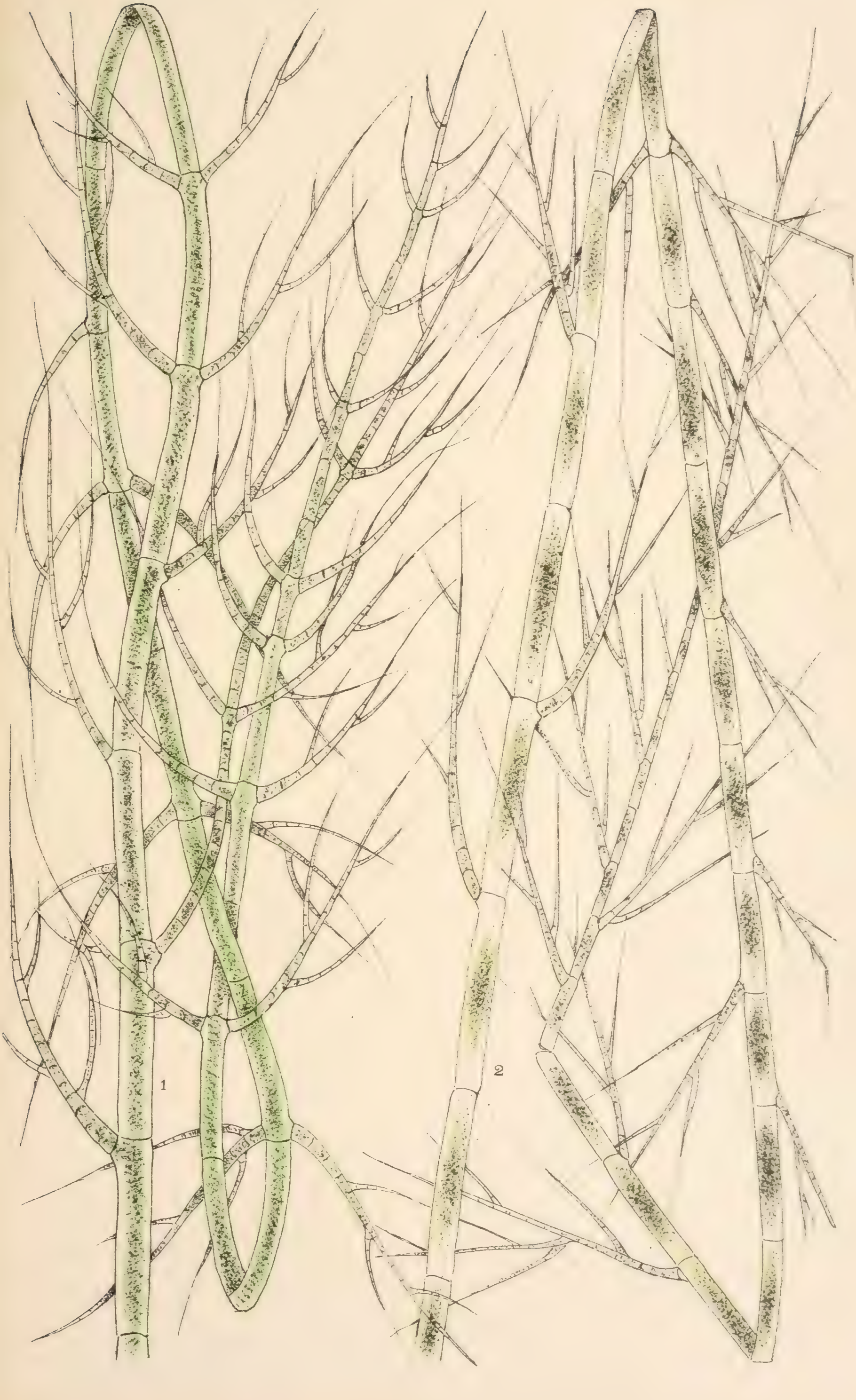

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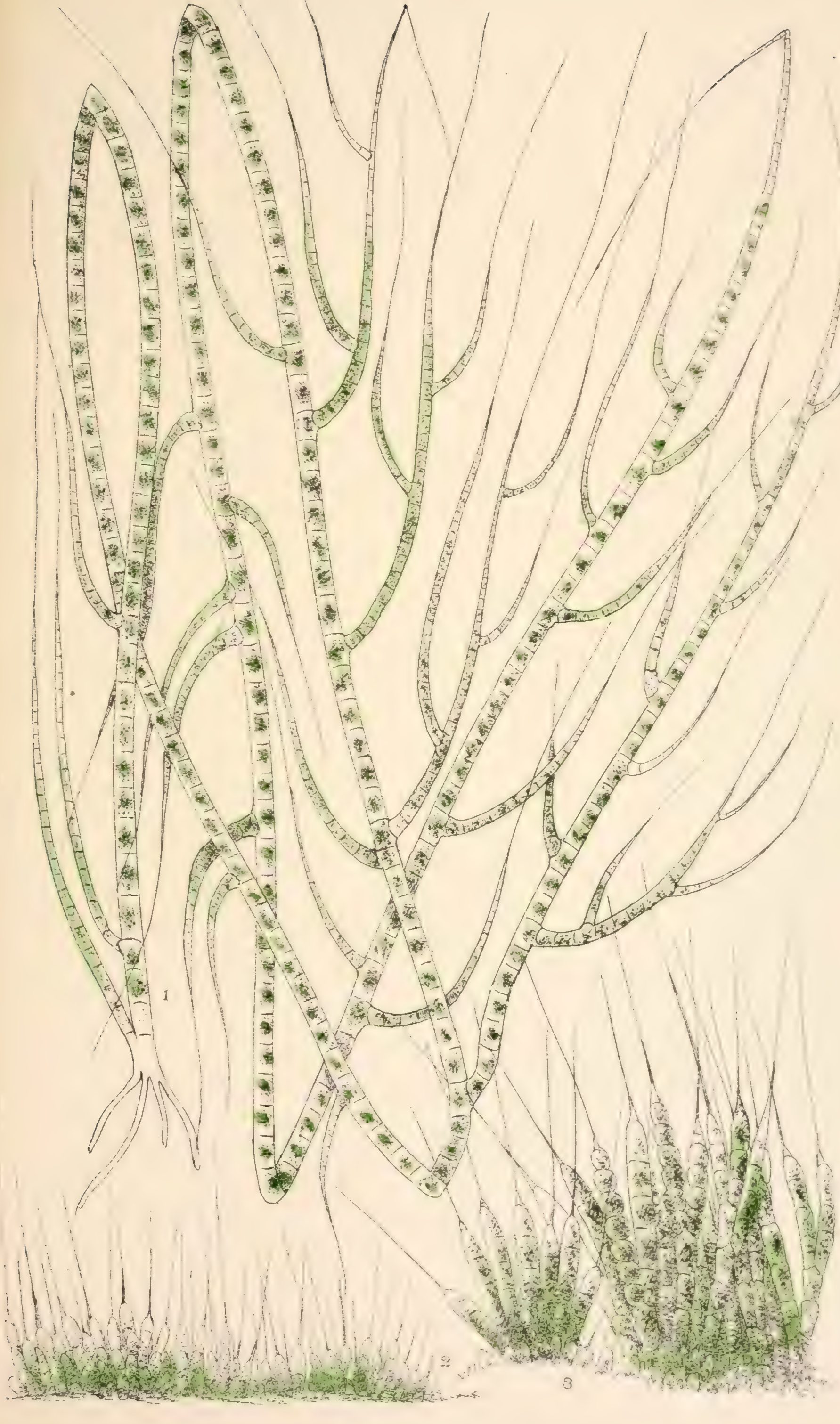

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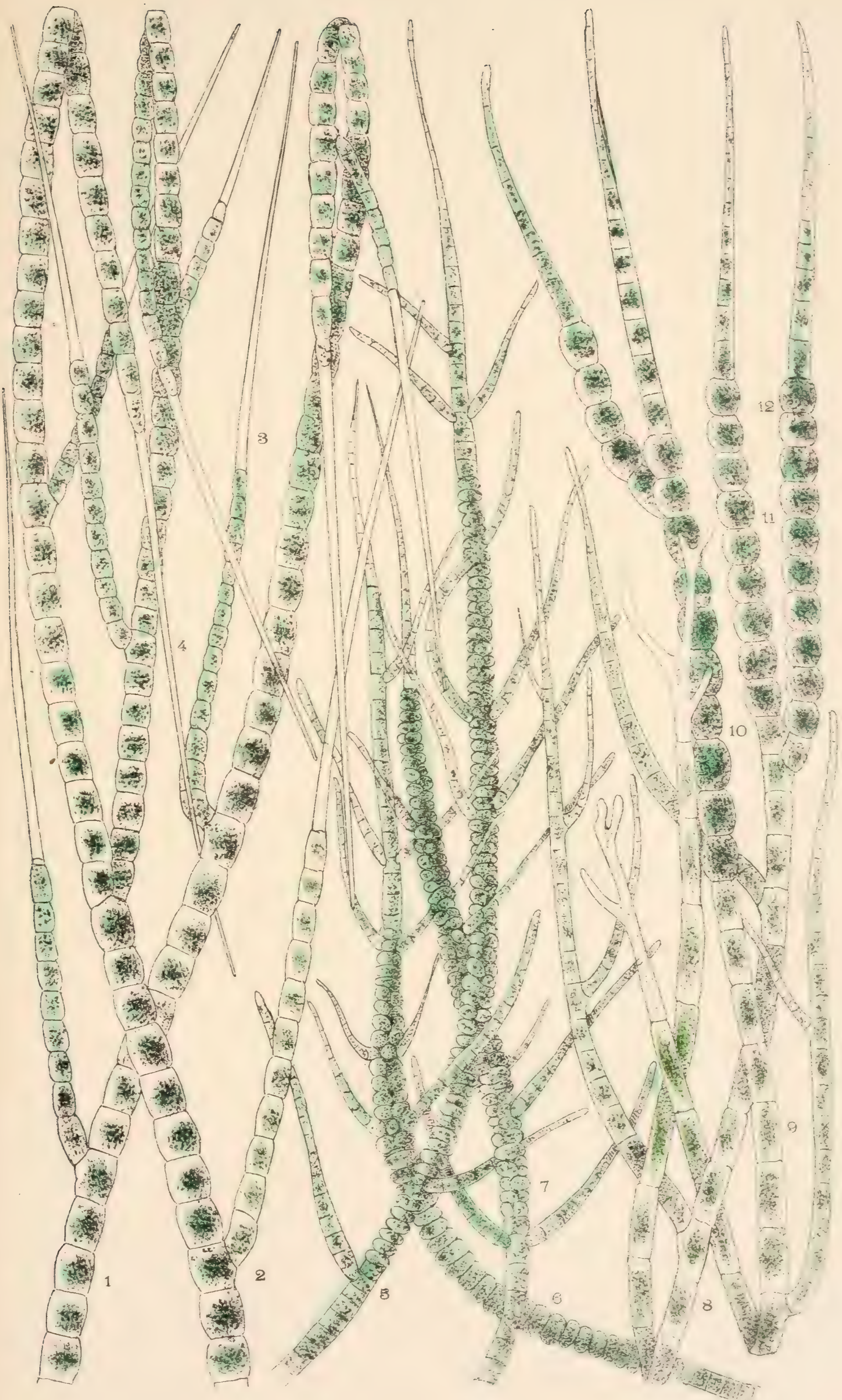

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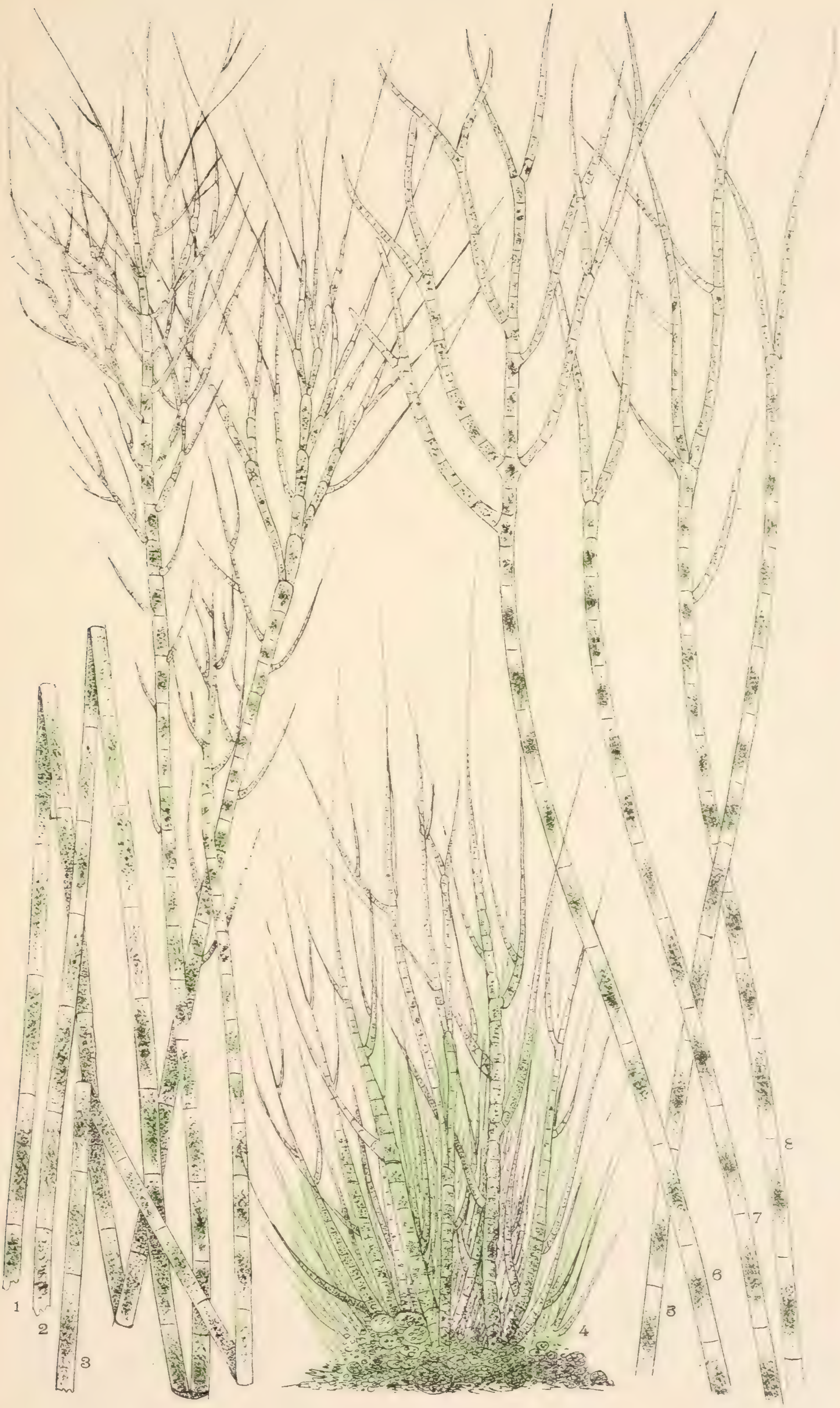

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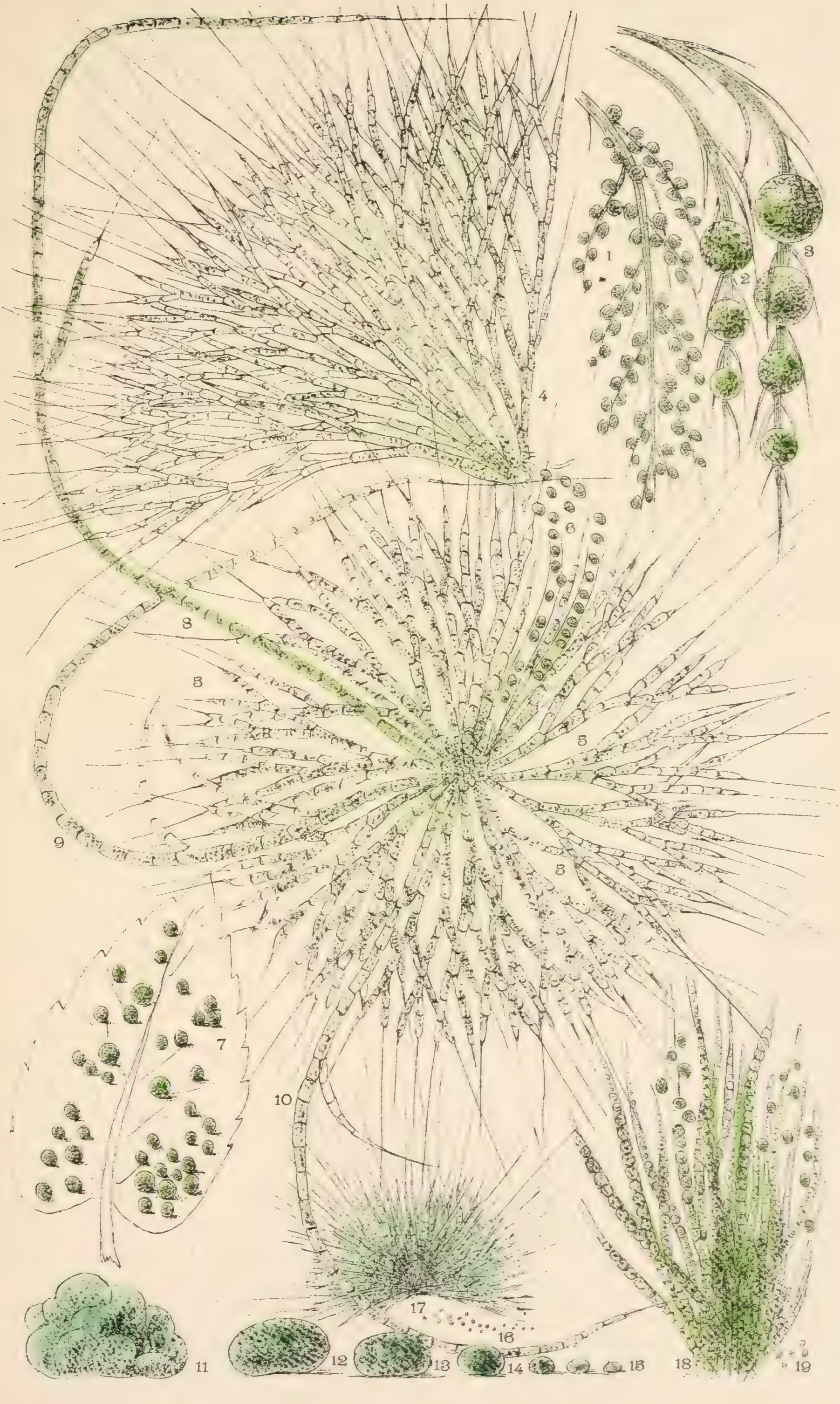
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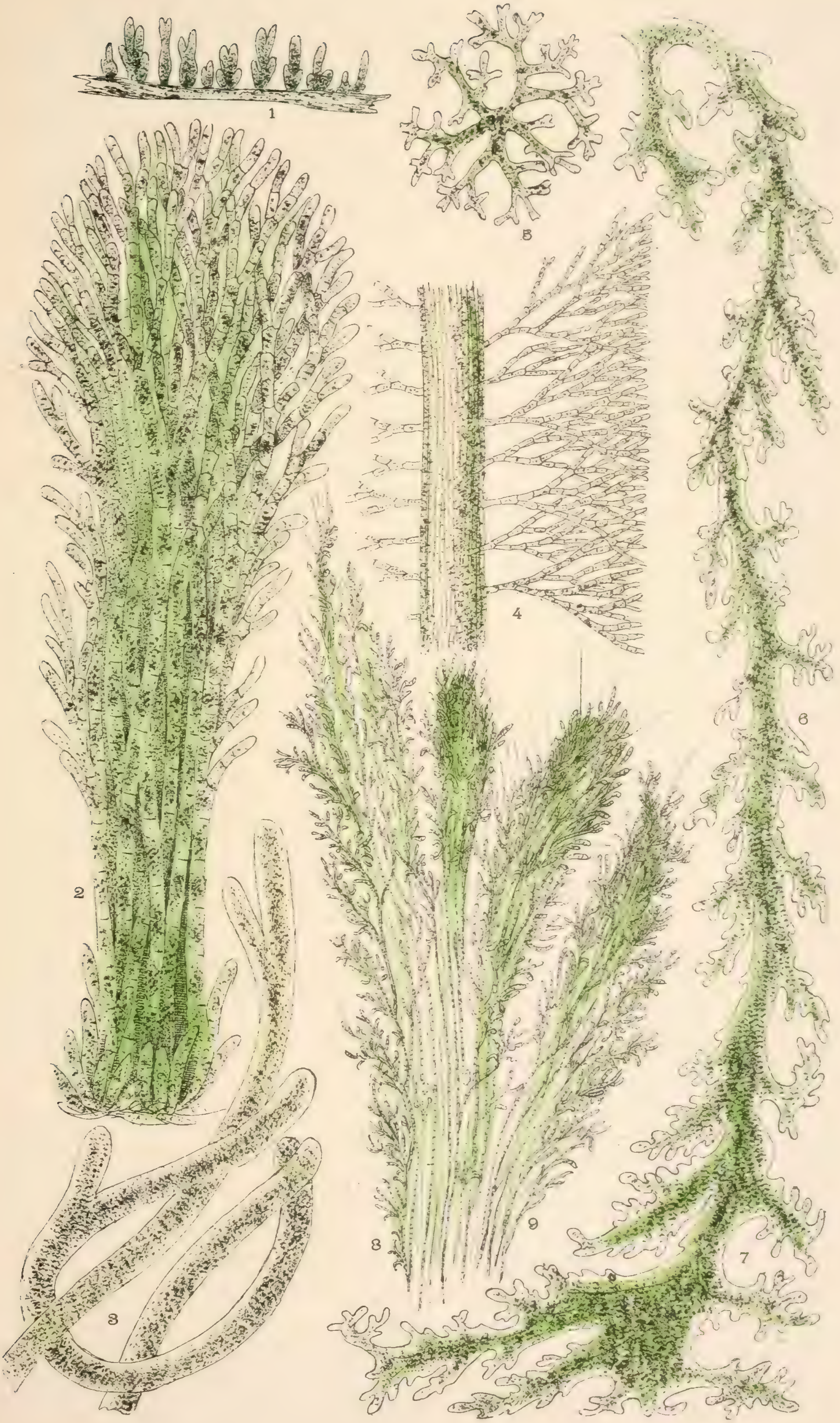

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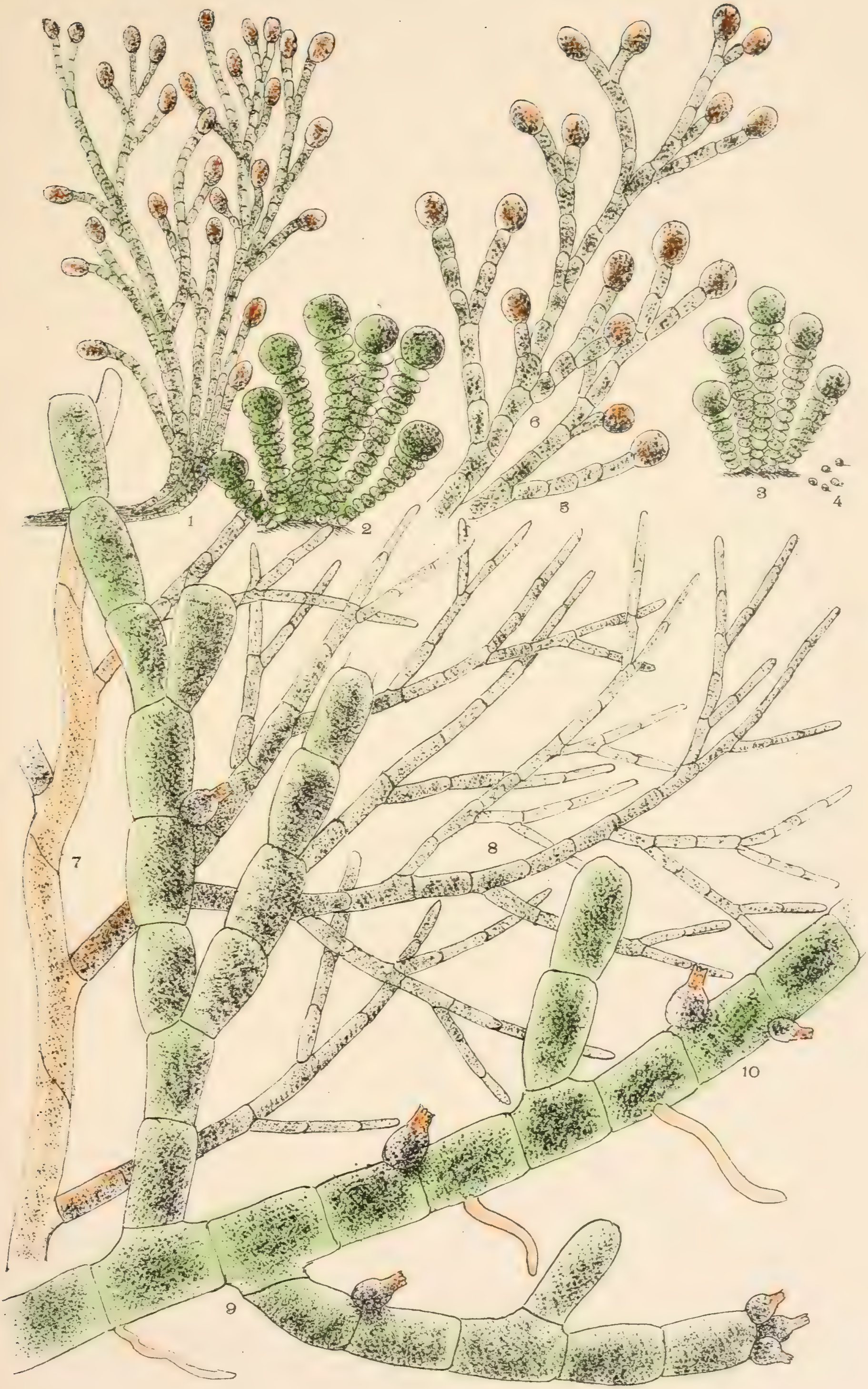

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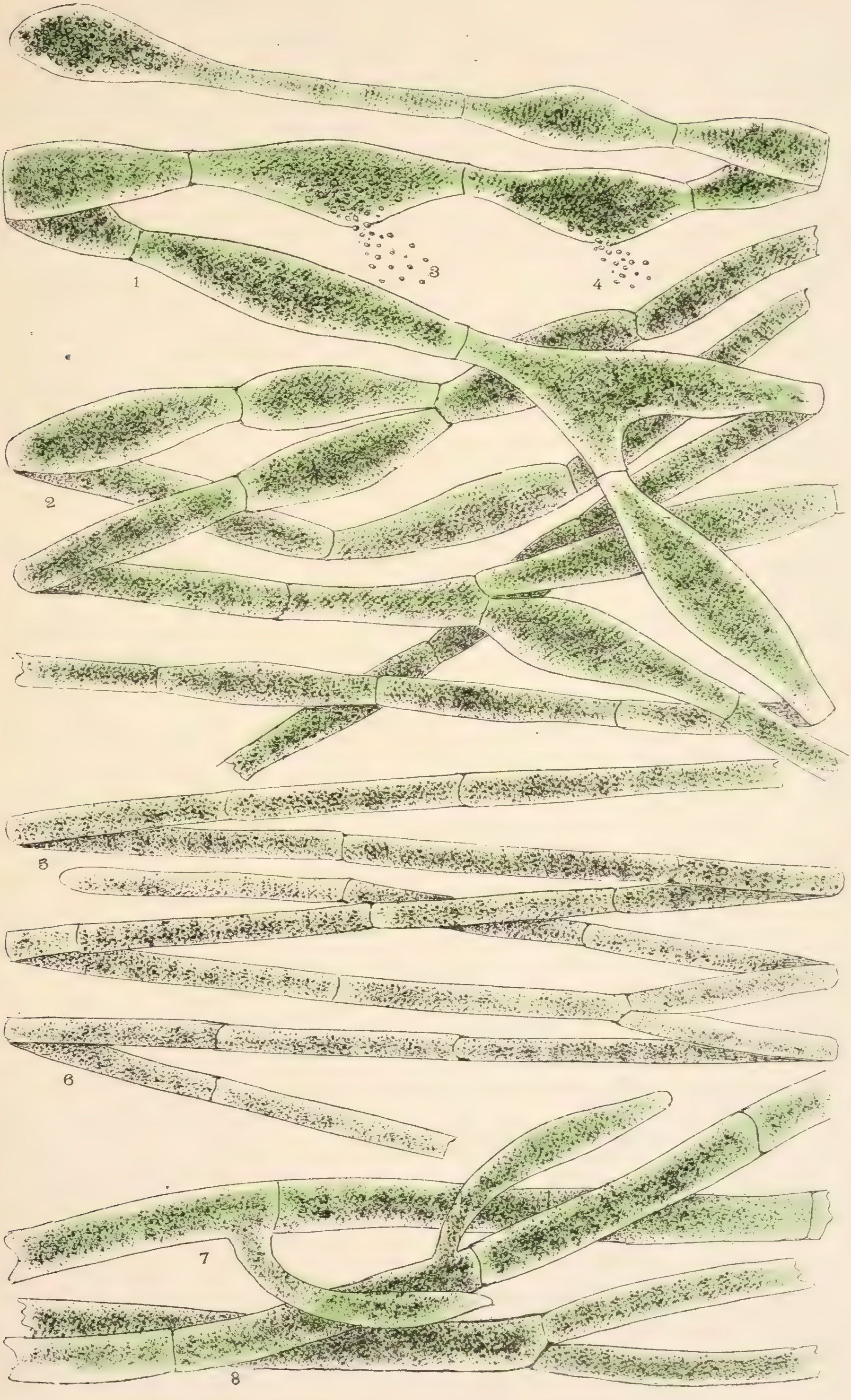

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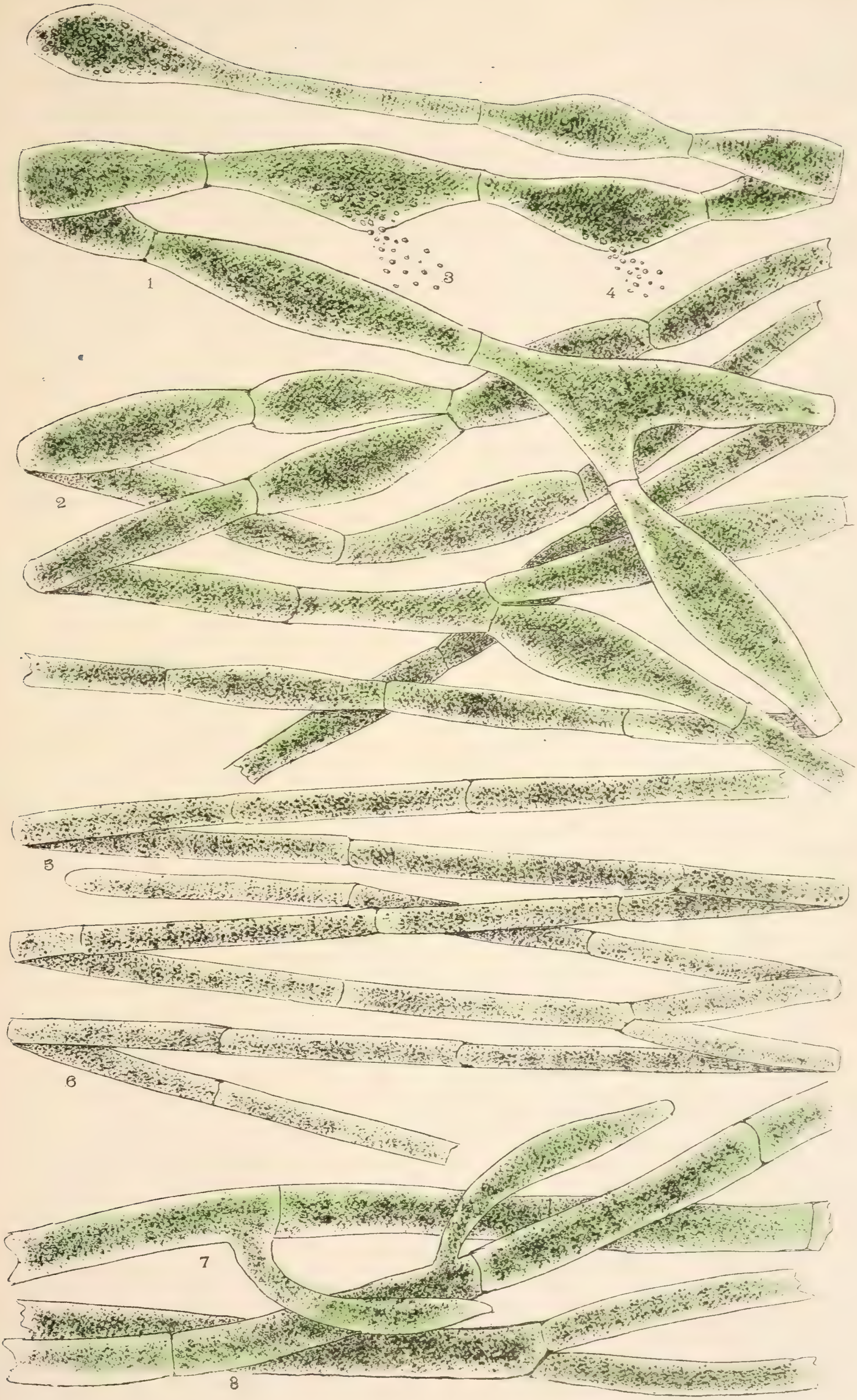

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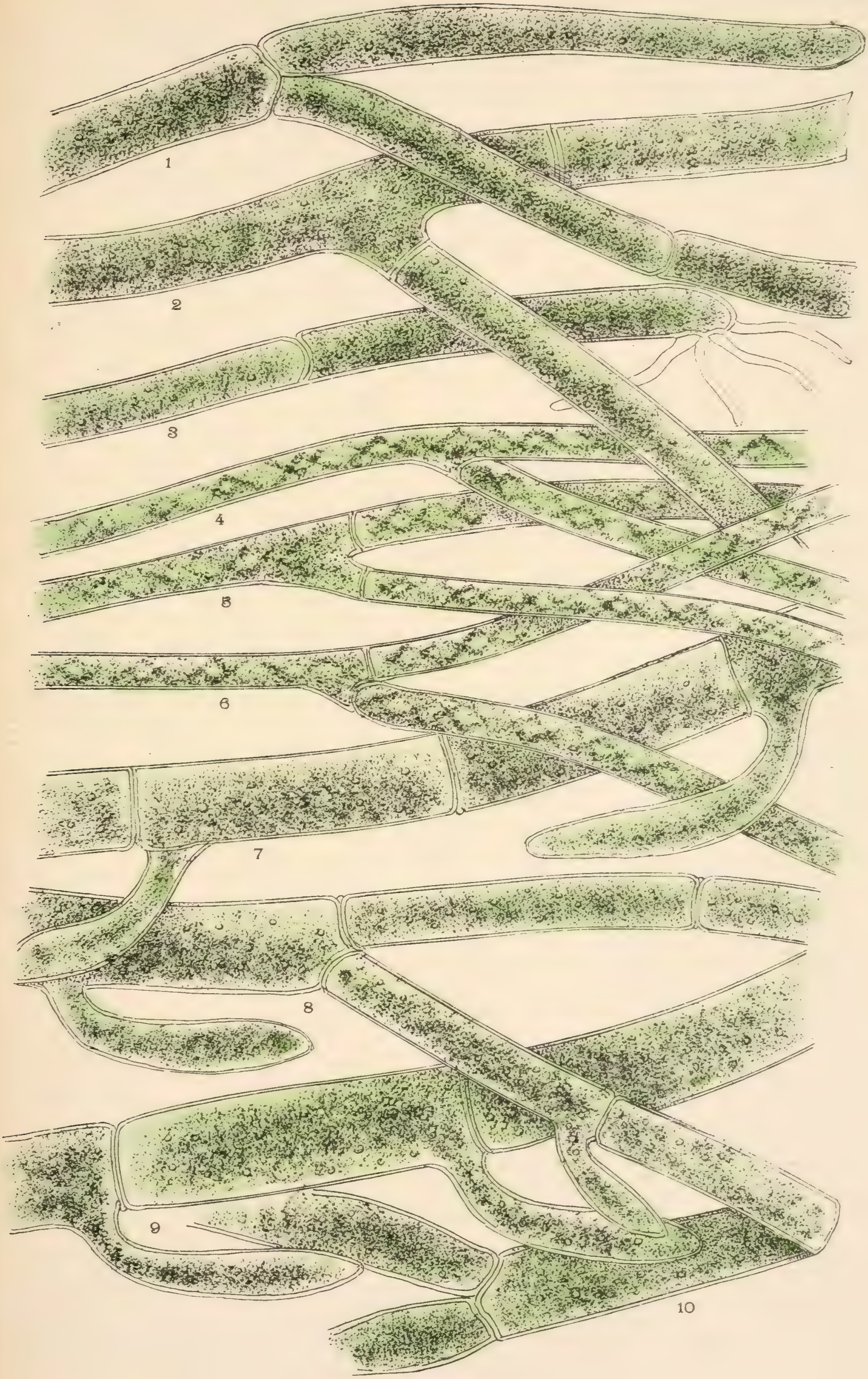
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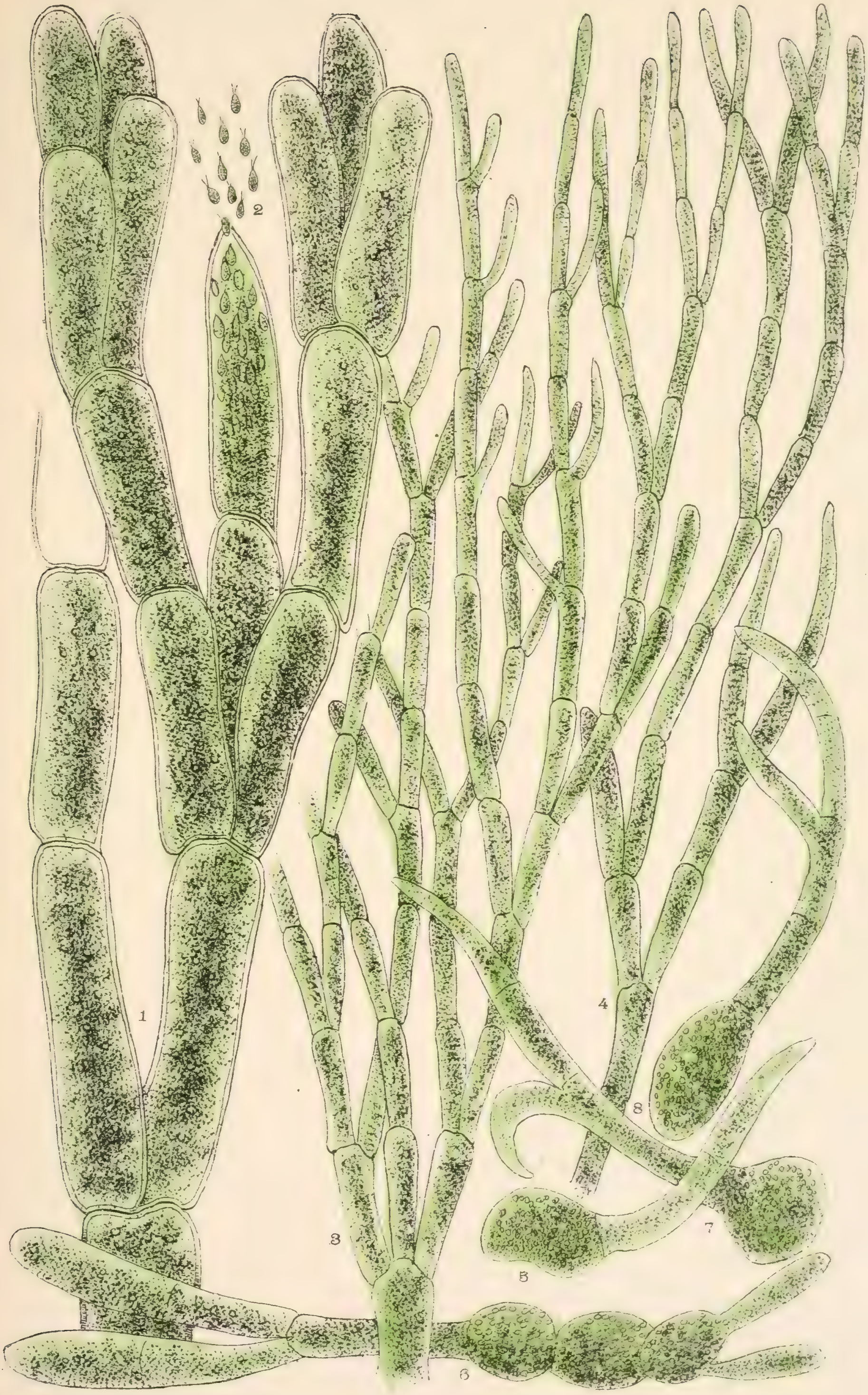

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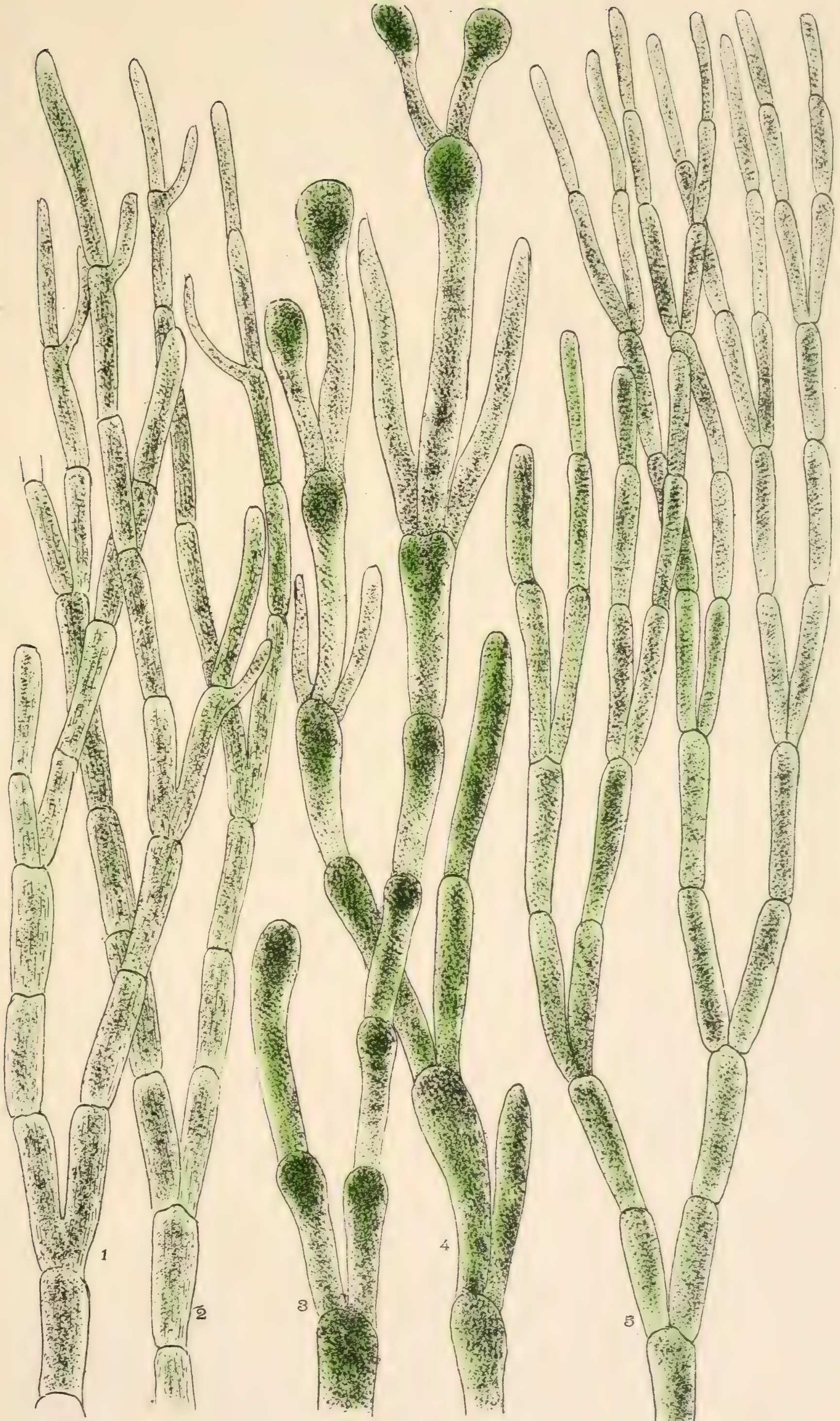
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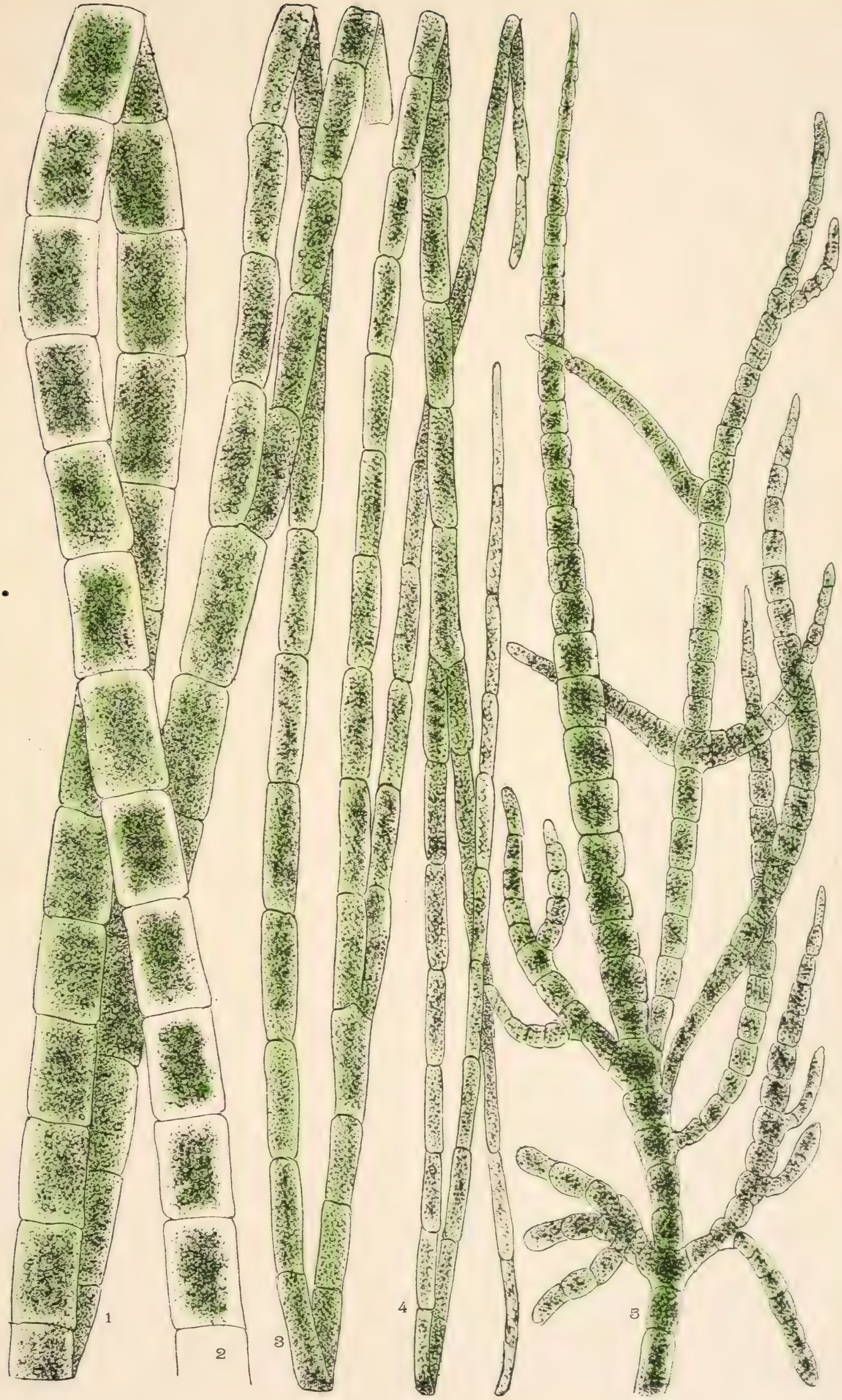
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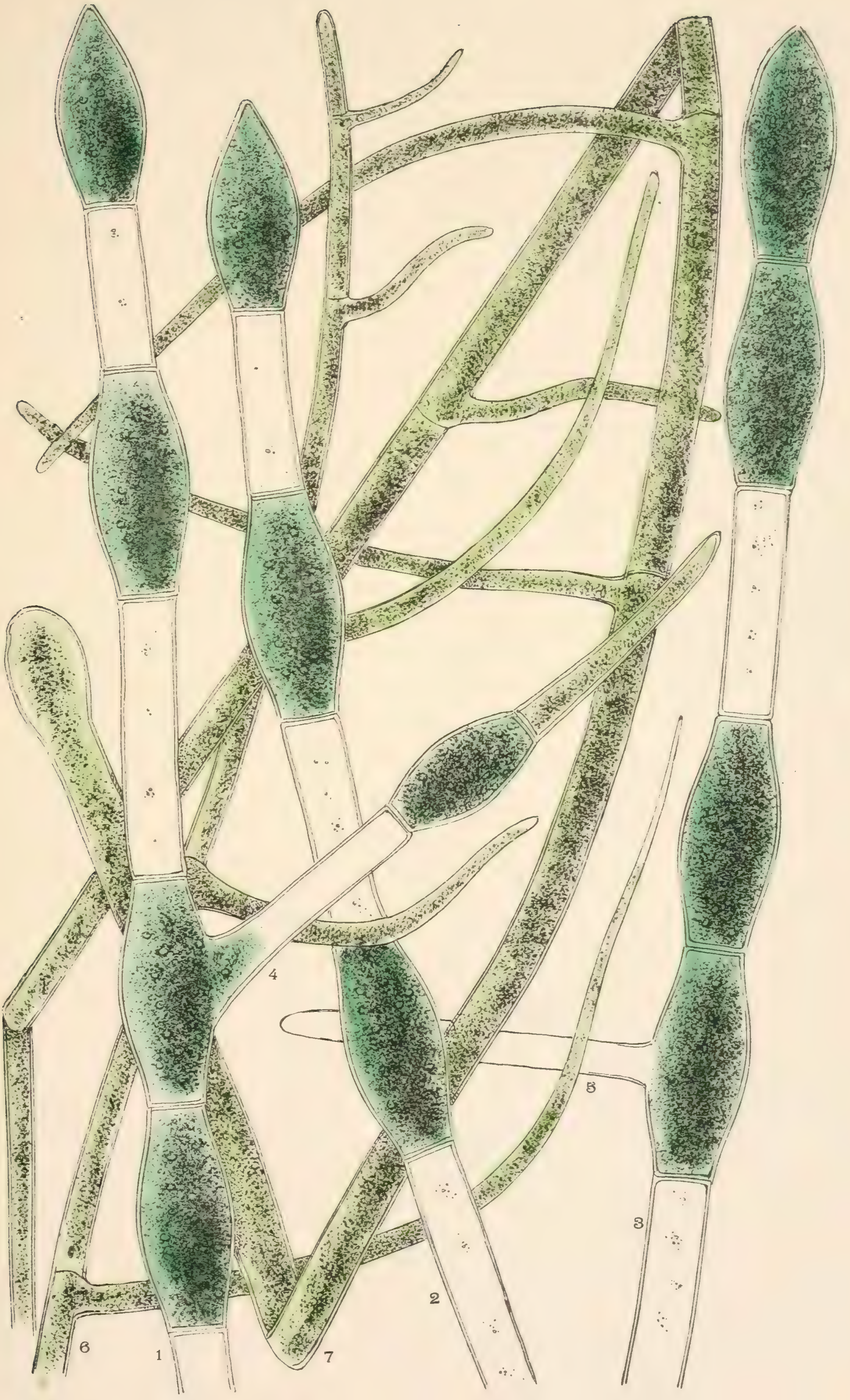

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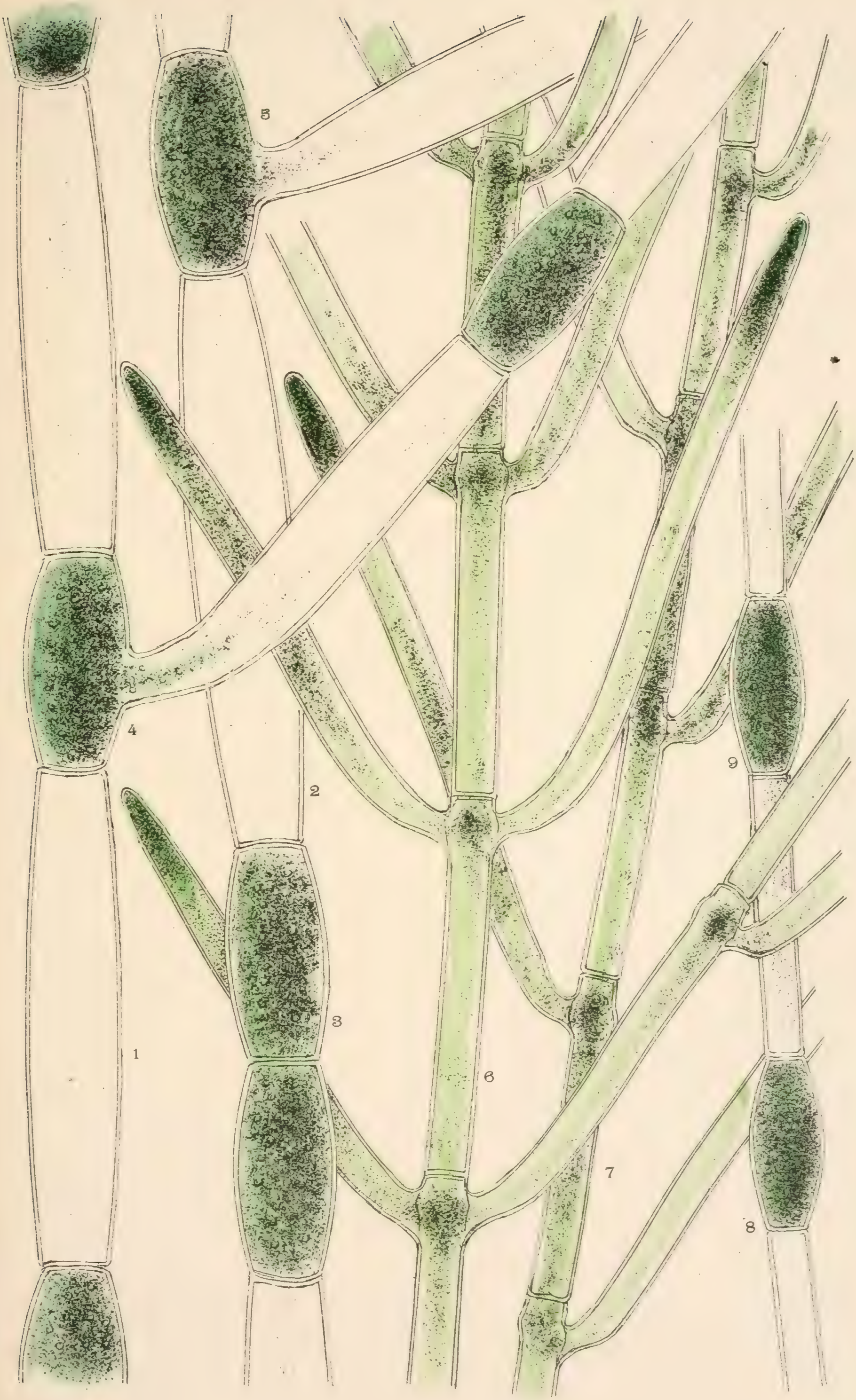
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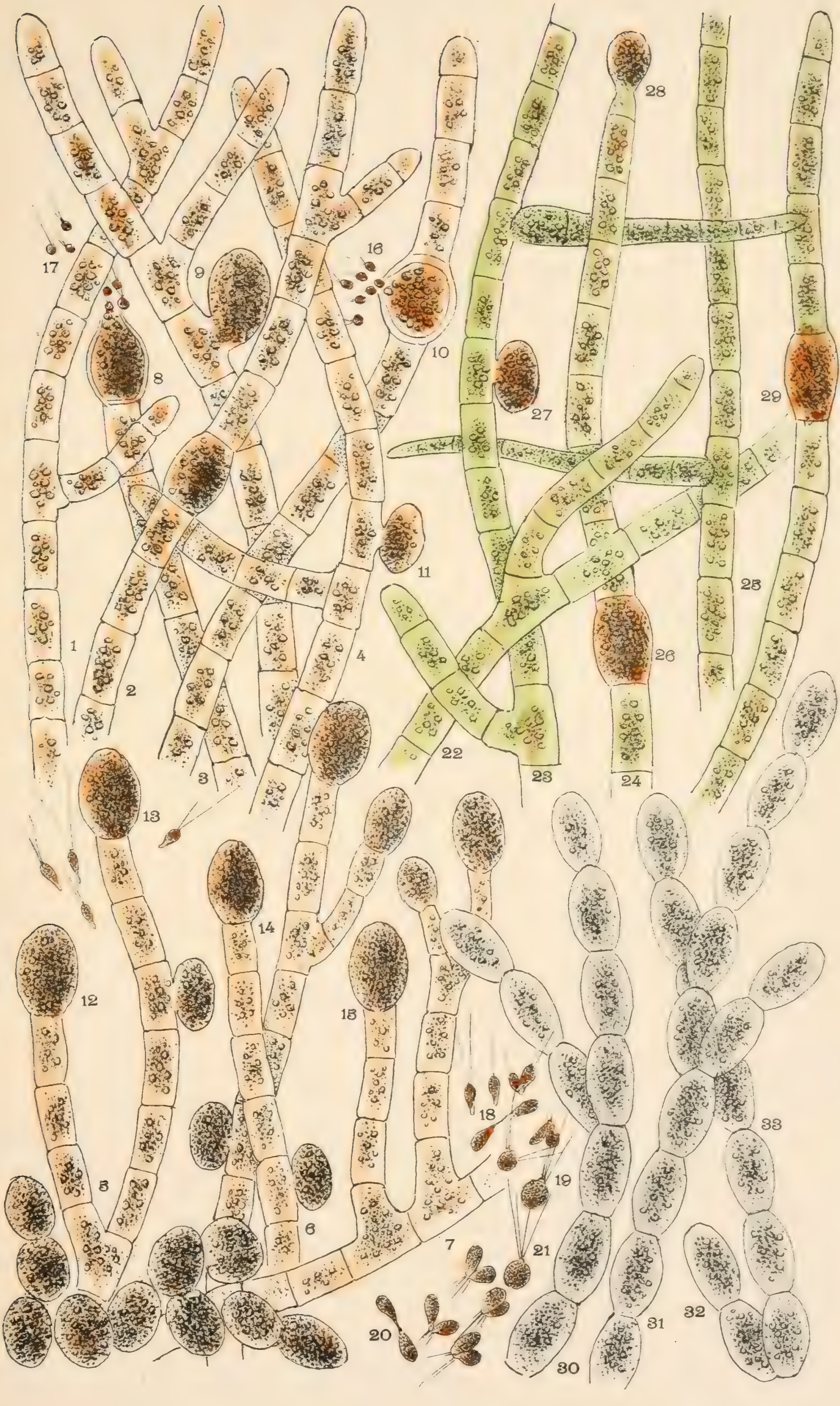
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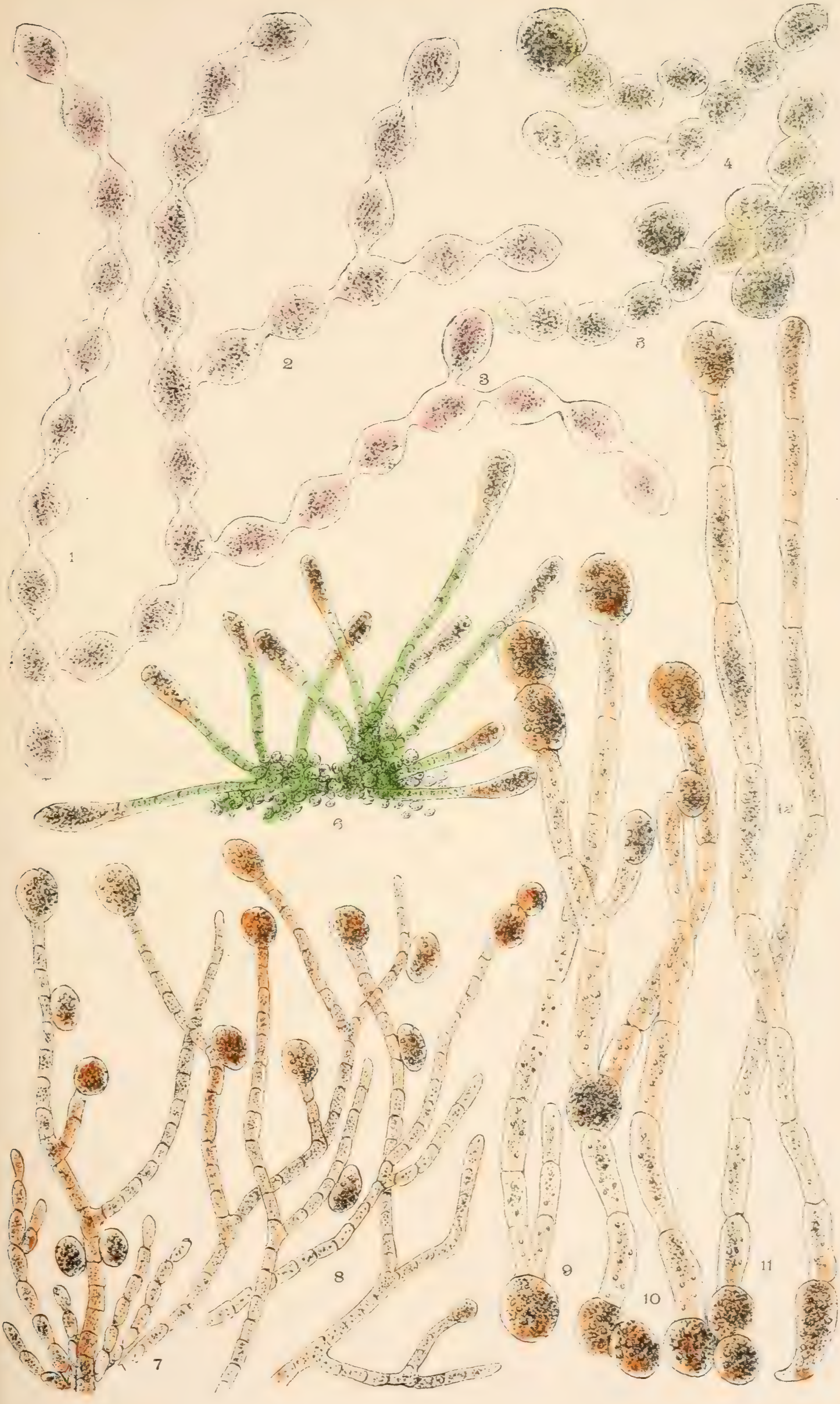

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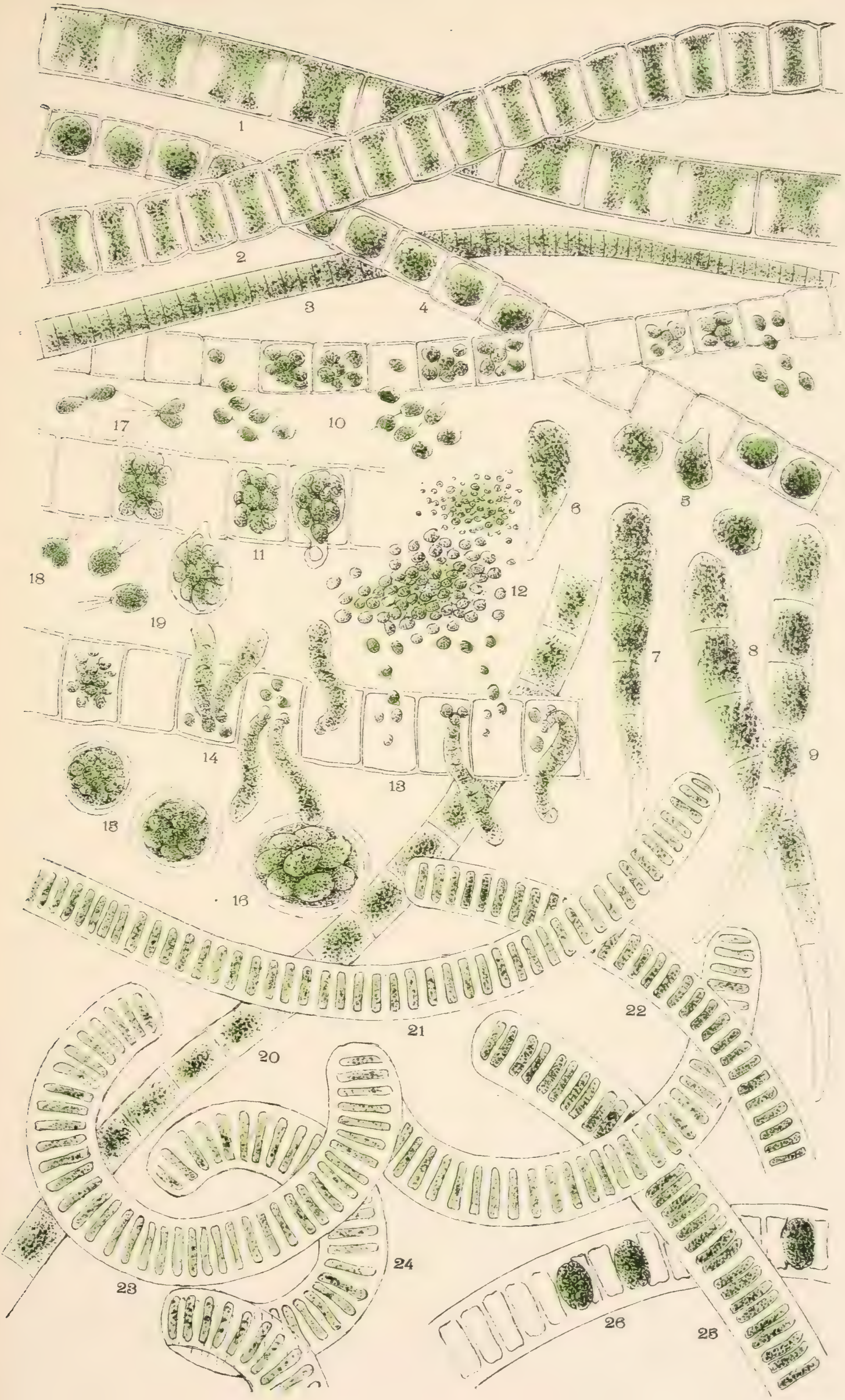
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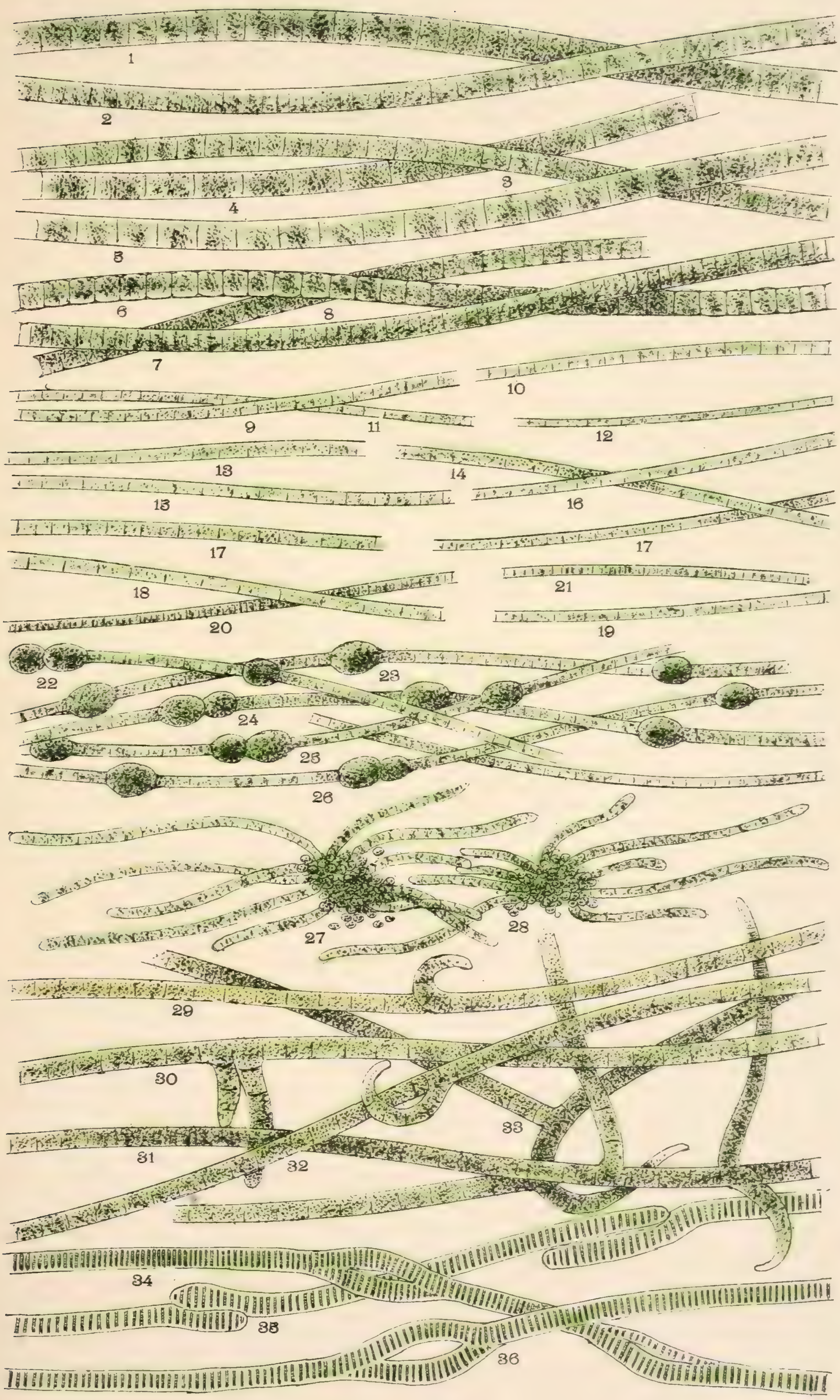
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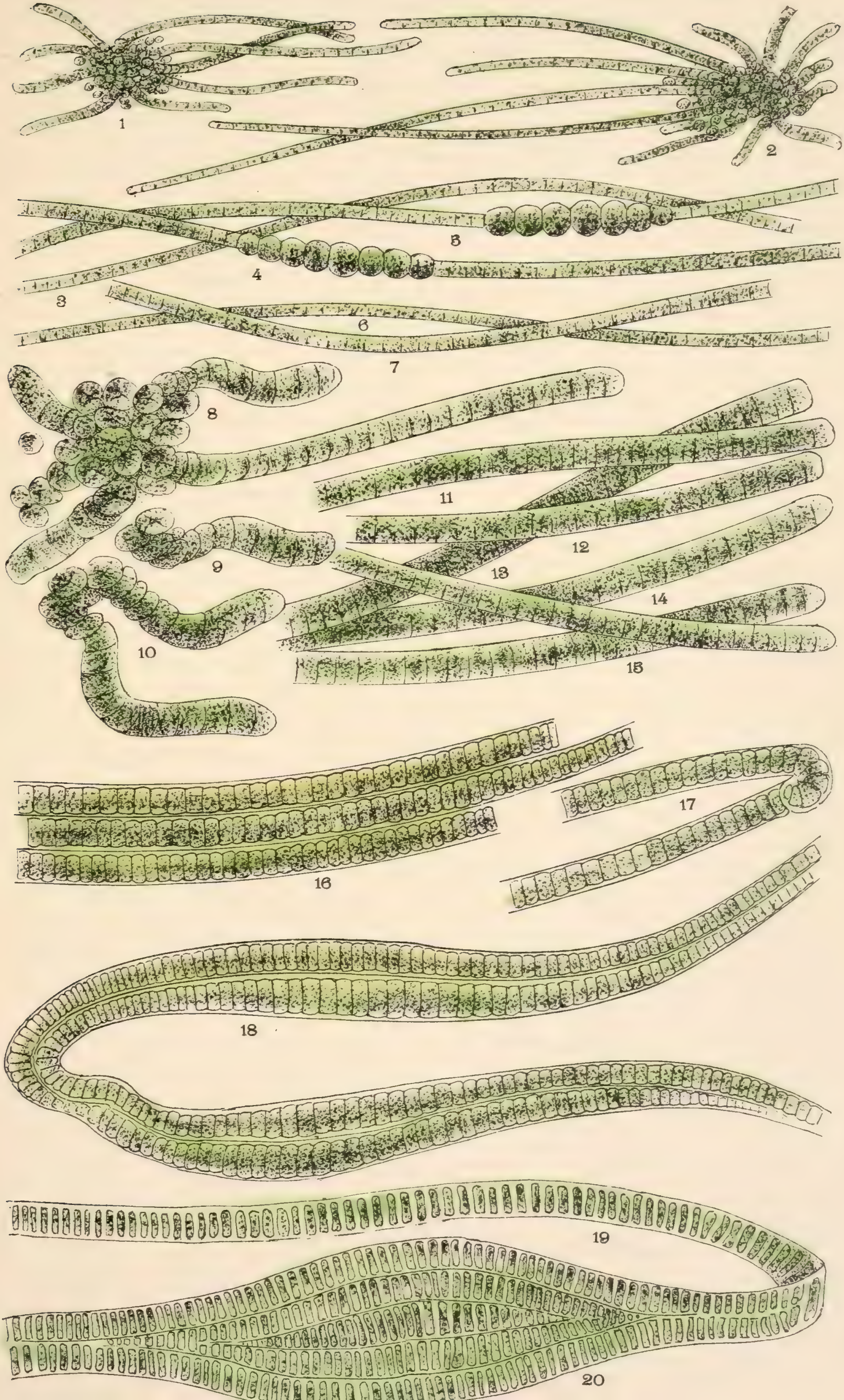

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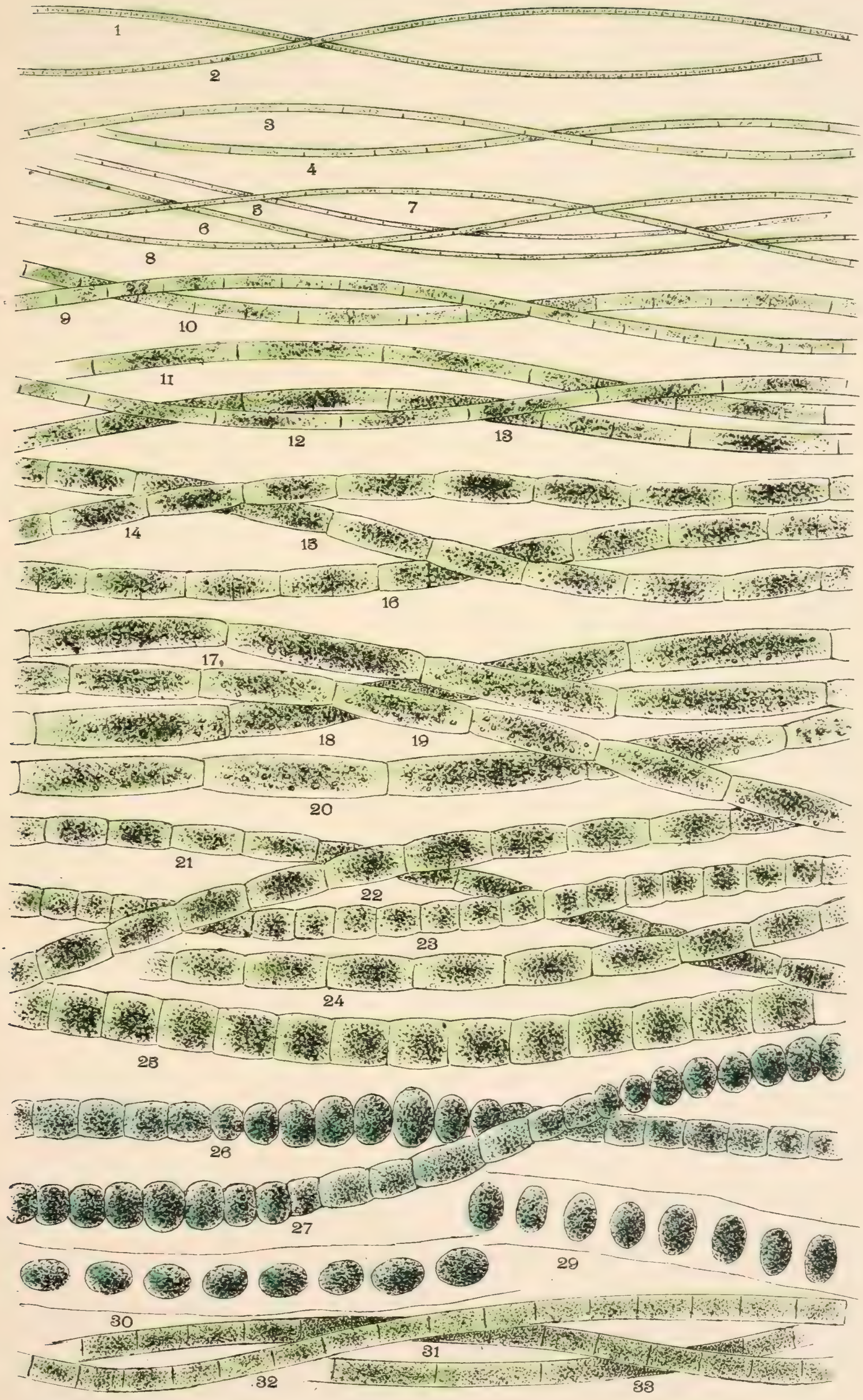
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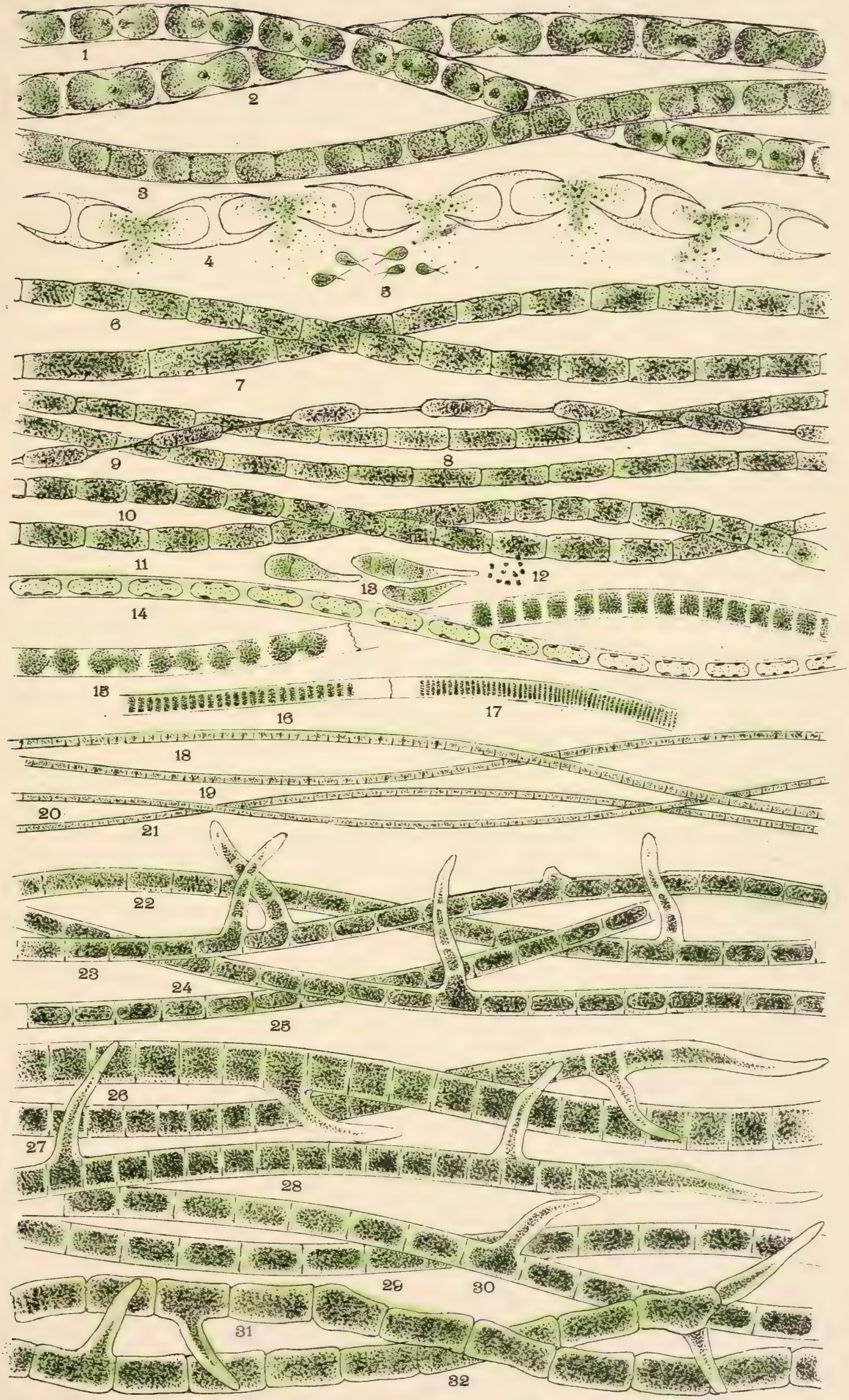
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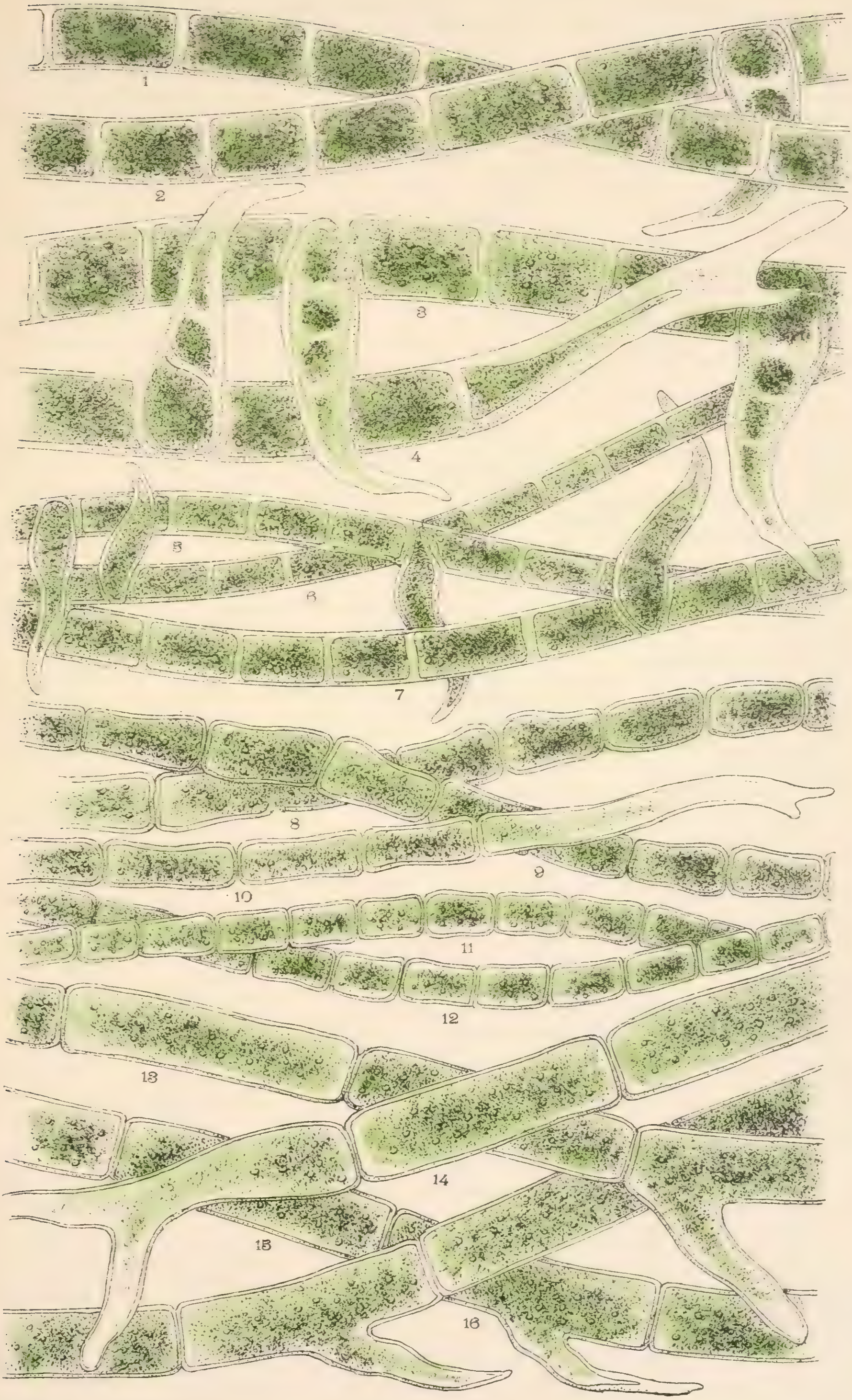
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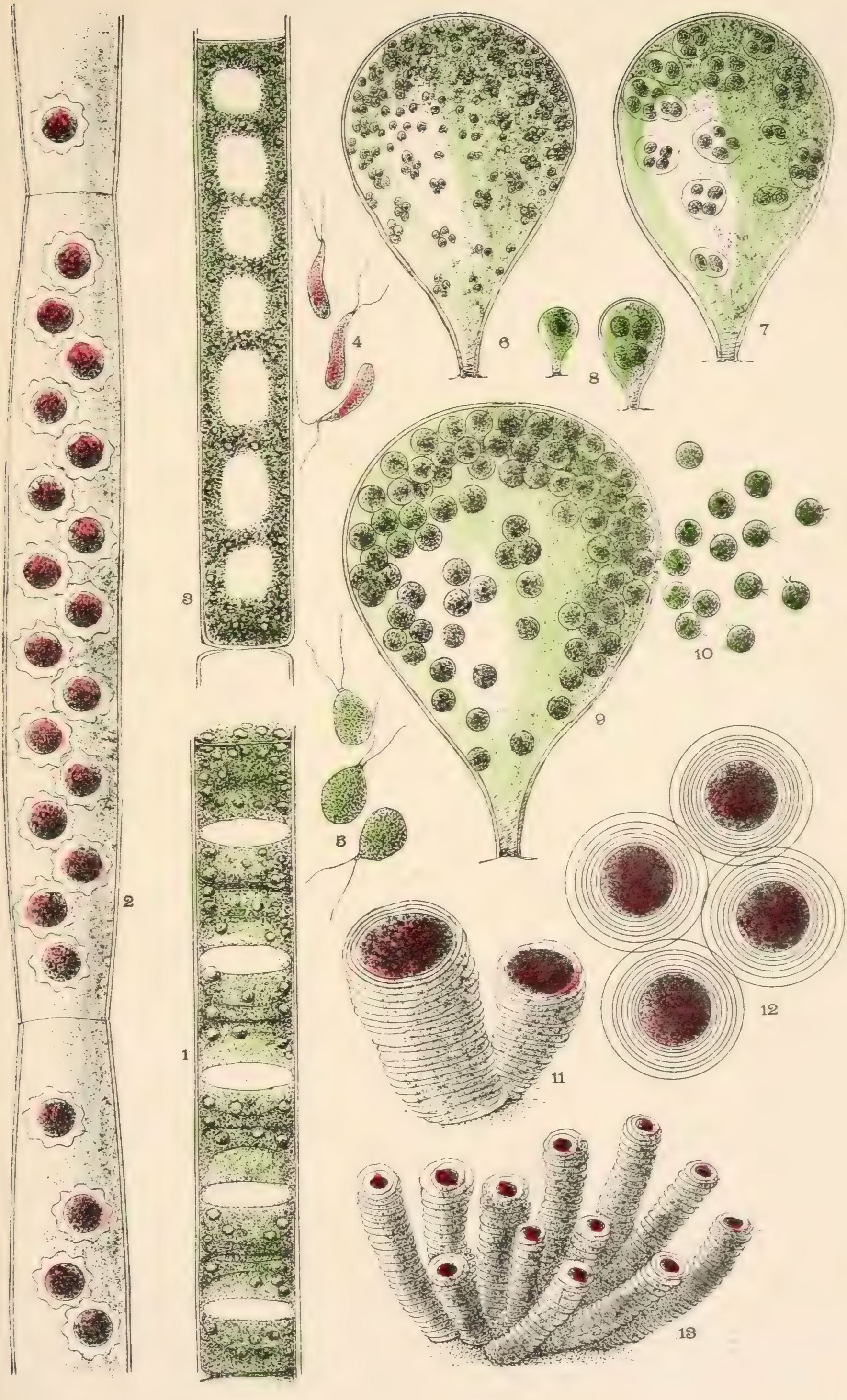

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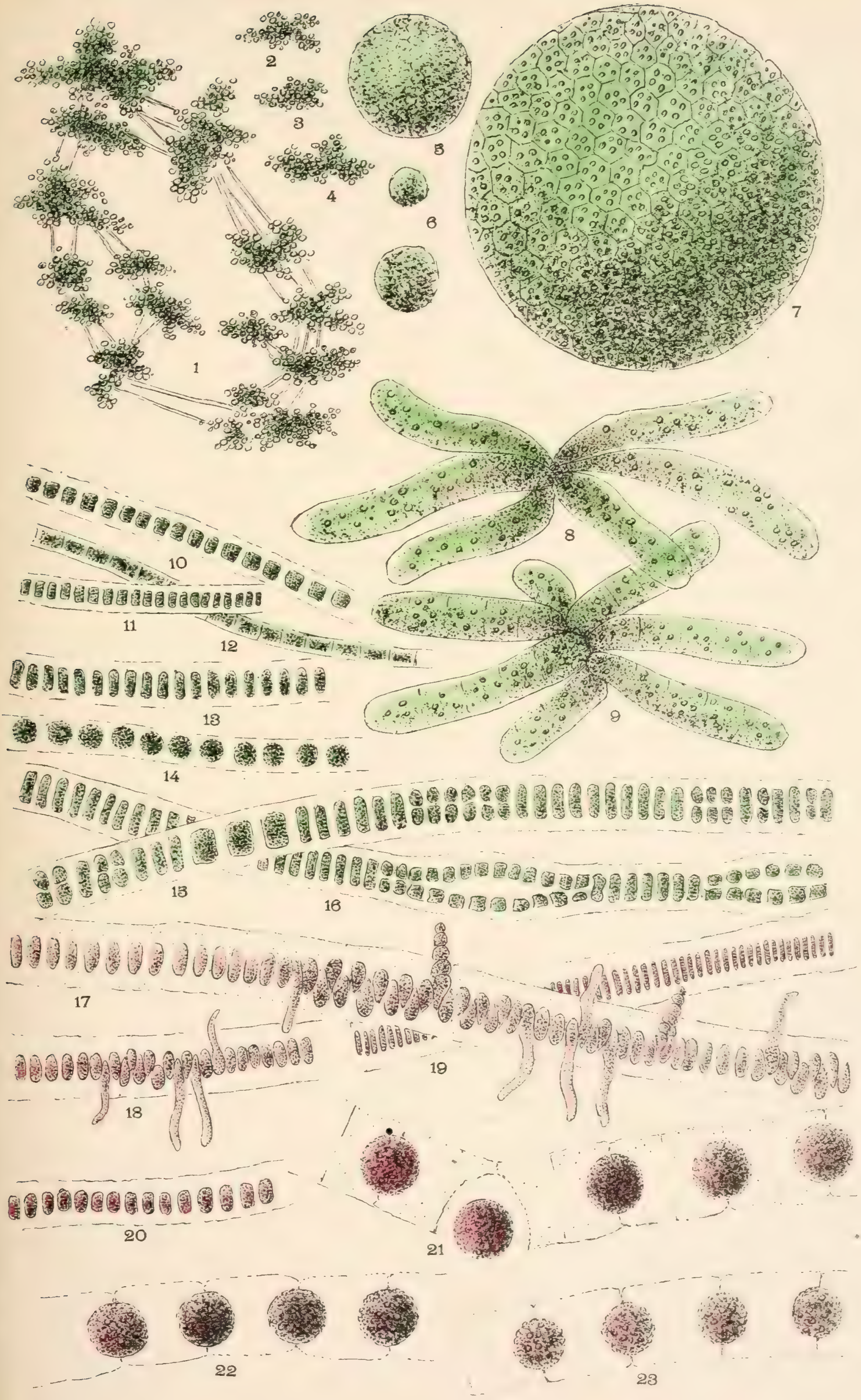

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[*A description of the following genus was inadvertently omitted in the proper place*, (*page* 17),].

Genus, SCHIZOMERIS, Kg.

Thallus chlorophyl green, filiform, composed primarily of a single series of cells which are usually broader than long, here and there strongly contracted; at first attached by a disc-like expansion of a narrow base, later often floating in mass; grows in the beginning by the division of the cells transversely, later in two or three directions.

Zoogonidia are formed in the cells of younger plants; they escape singly from the thinner filaments and in larger numbers from the larger ones; they are furnished with two or three cilia.

Schizomeris Leibleinii, Kg.

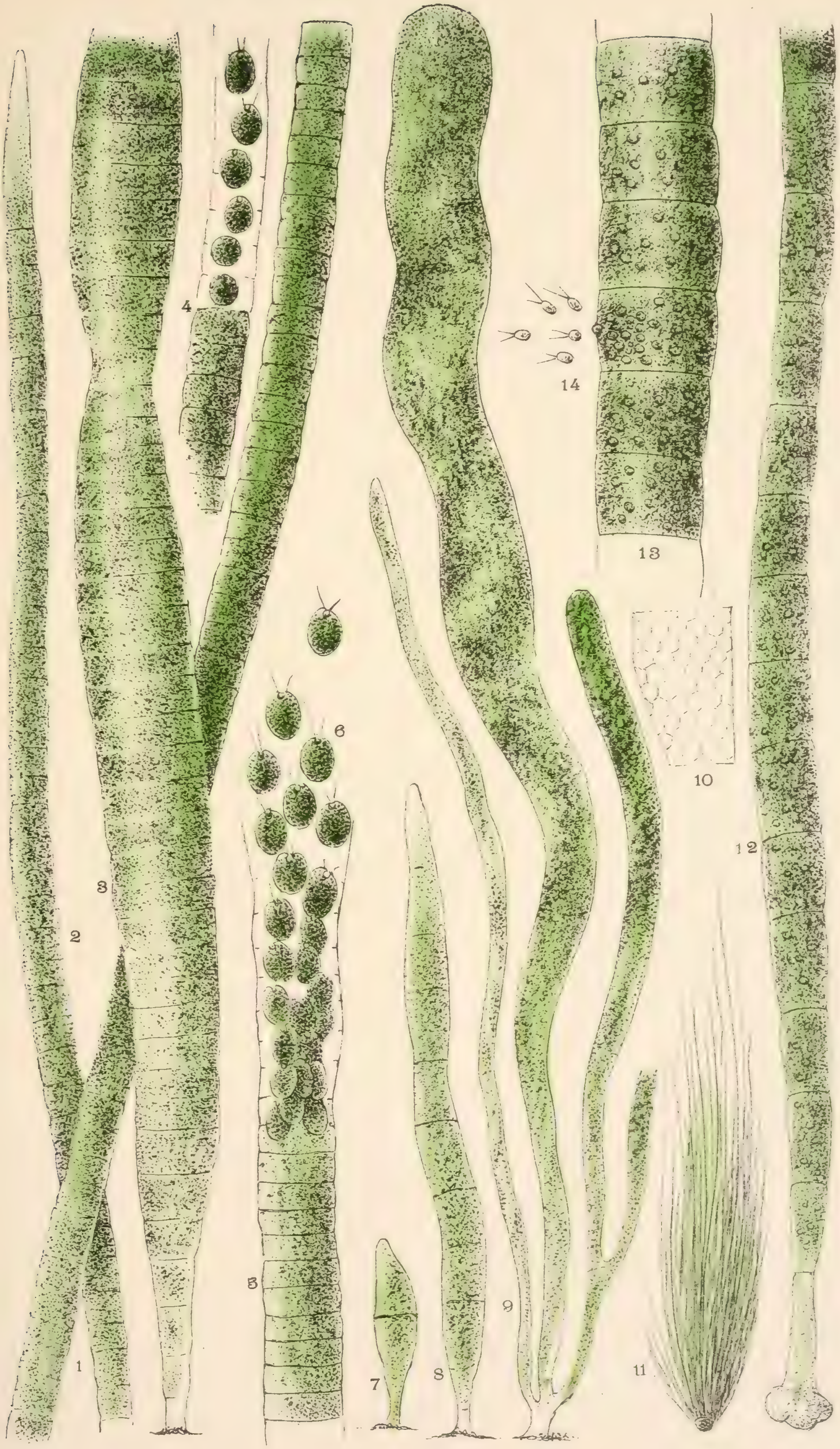
Bright green to deep blackish-green.

Diameter of filaments, 20–125 μ.

Frequent in ditches and ponds, Pennsylvania, New Jersey, Florida, and probably in every State.

It is easily recognized by a *Ulothrix*-like look, which soon becomes familiar to the eye; it is larger than most of the species of *Ulothrix*, more irregular in outline by constrictions, the basal parts thin and the apices usually tapering to a point; the fruiting is also distinct.

PLATE CXXV



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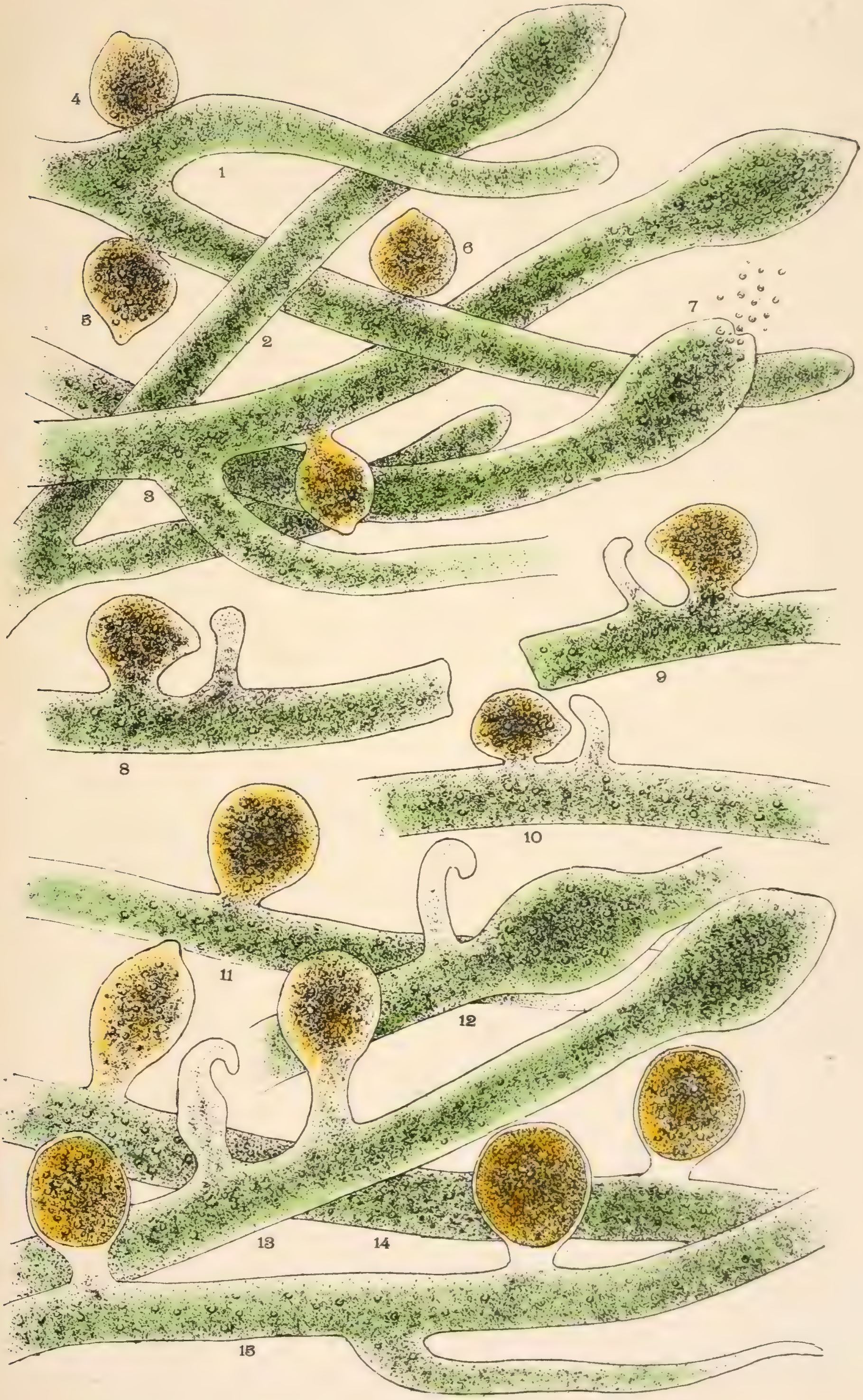
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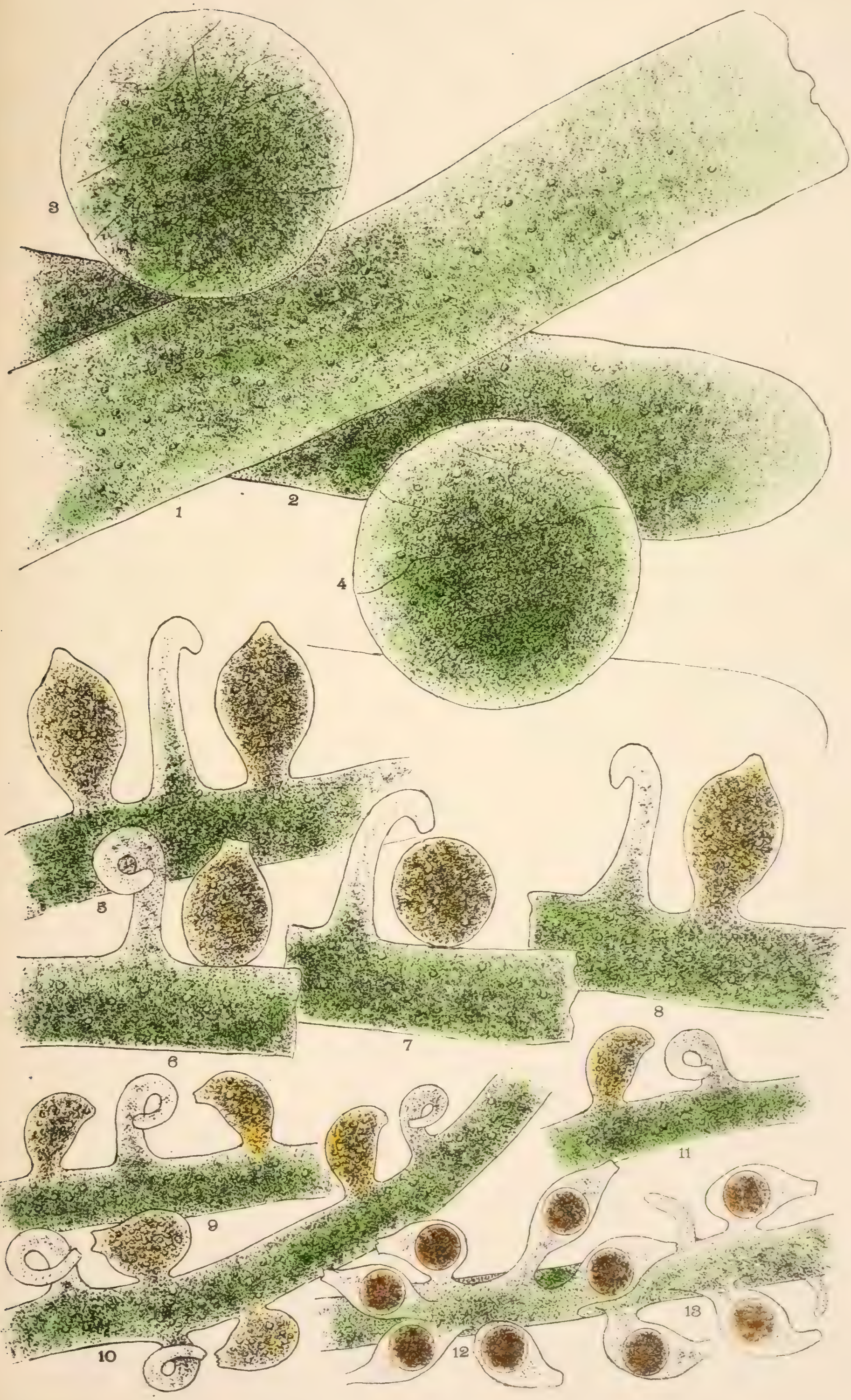
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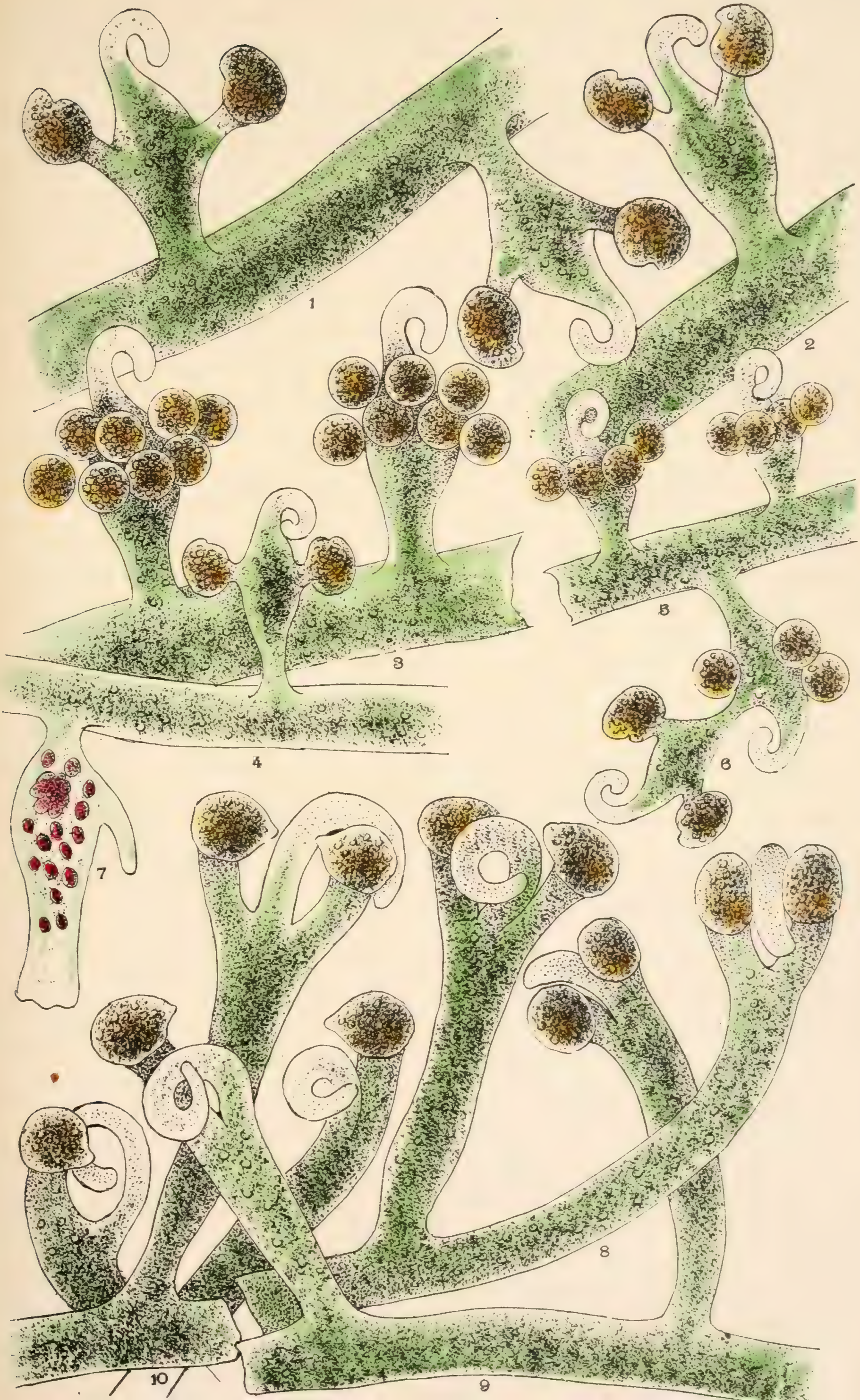

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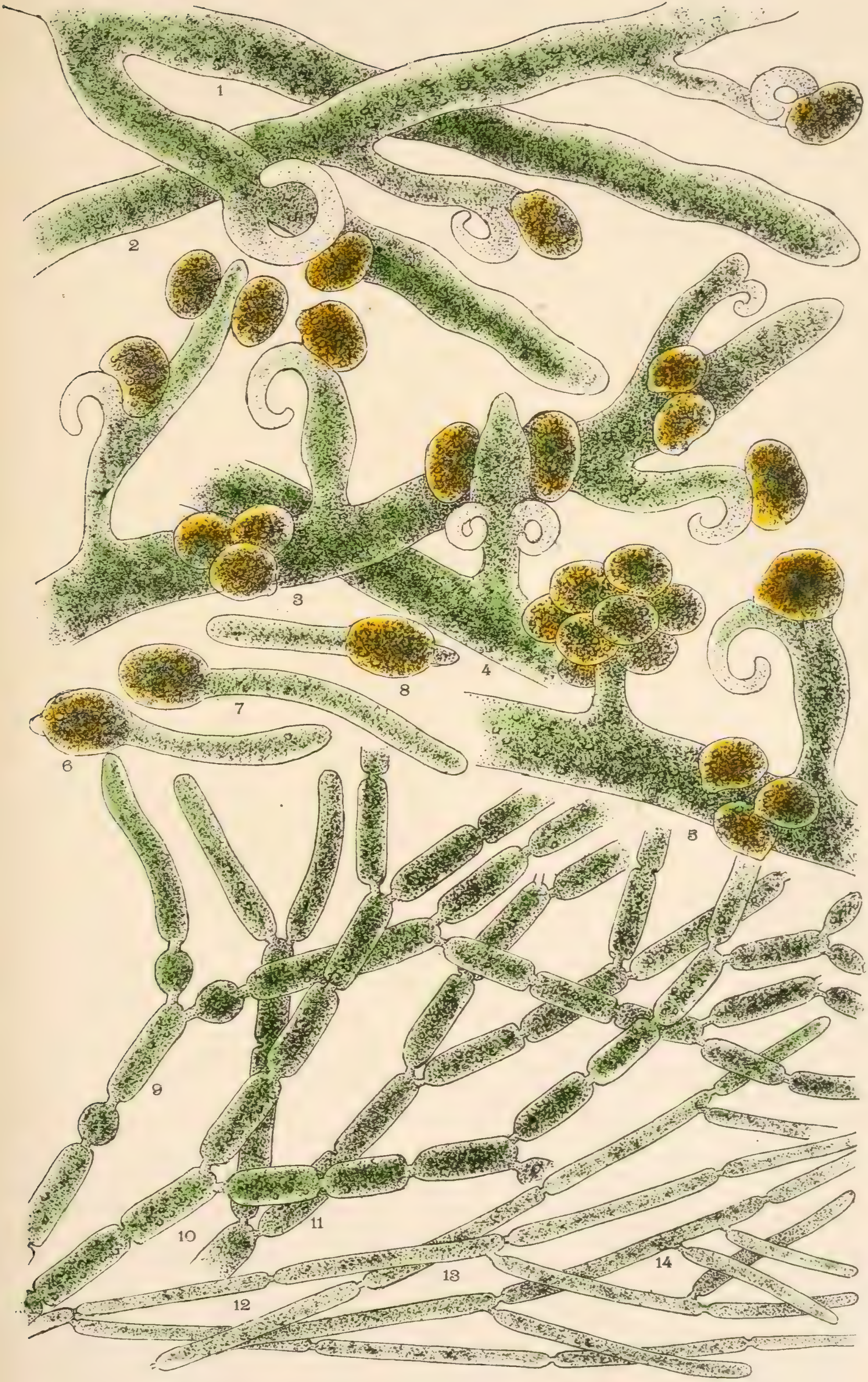
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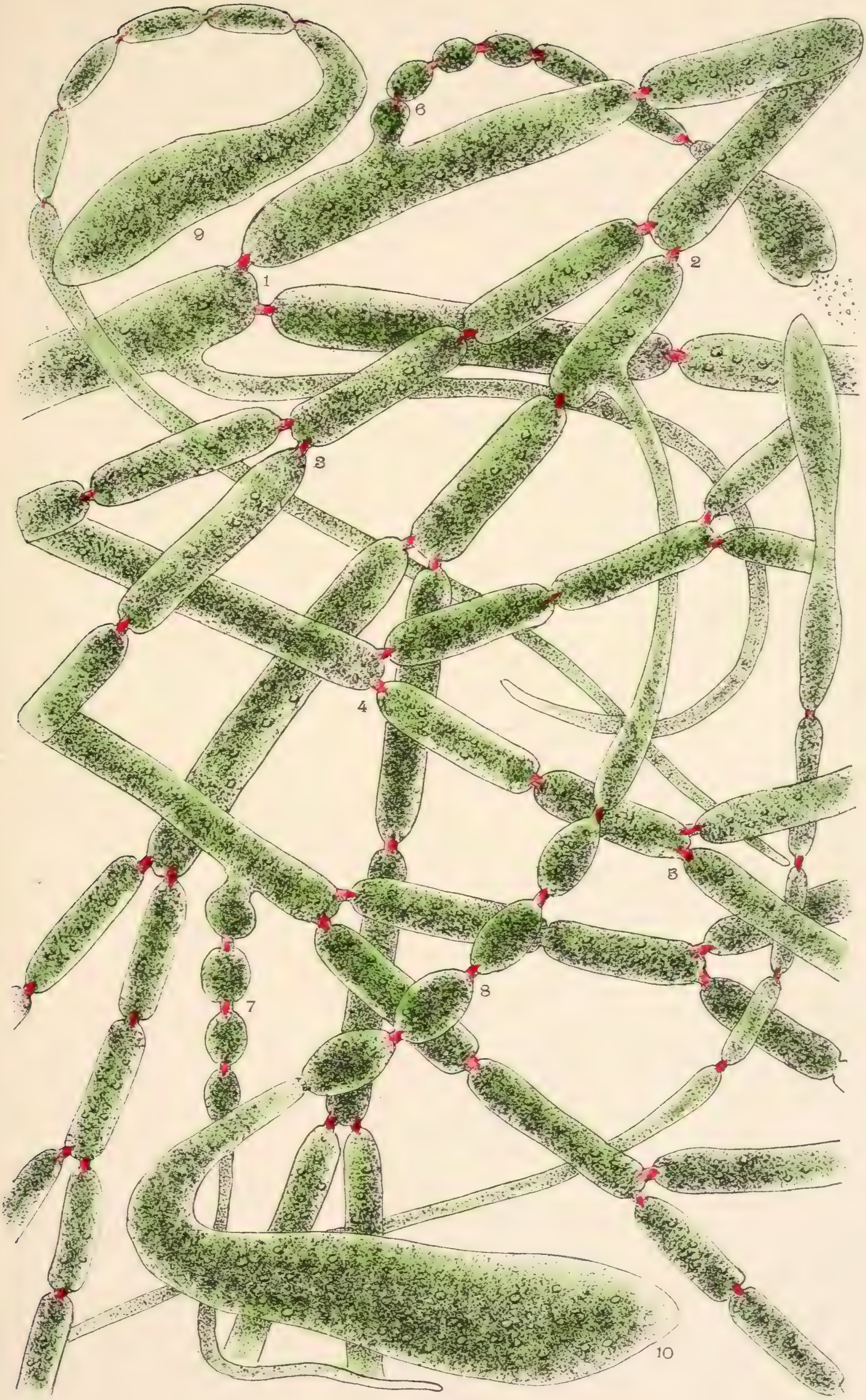

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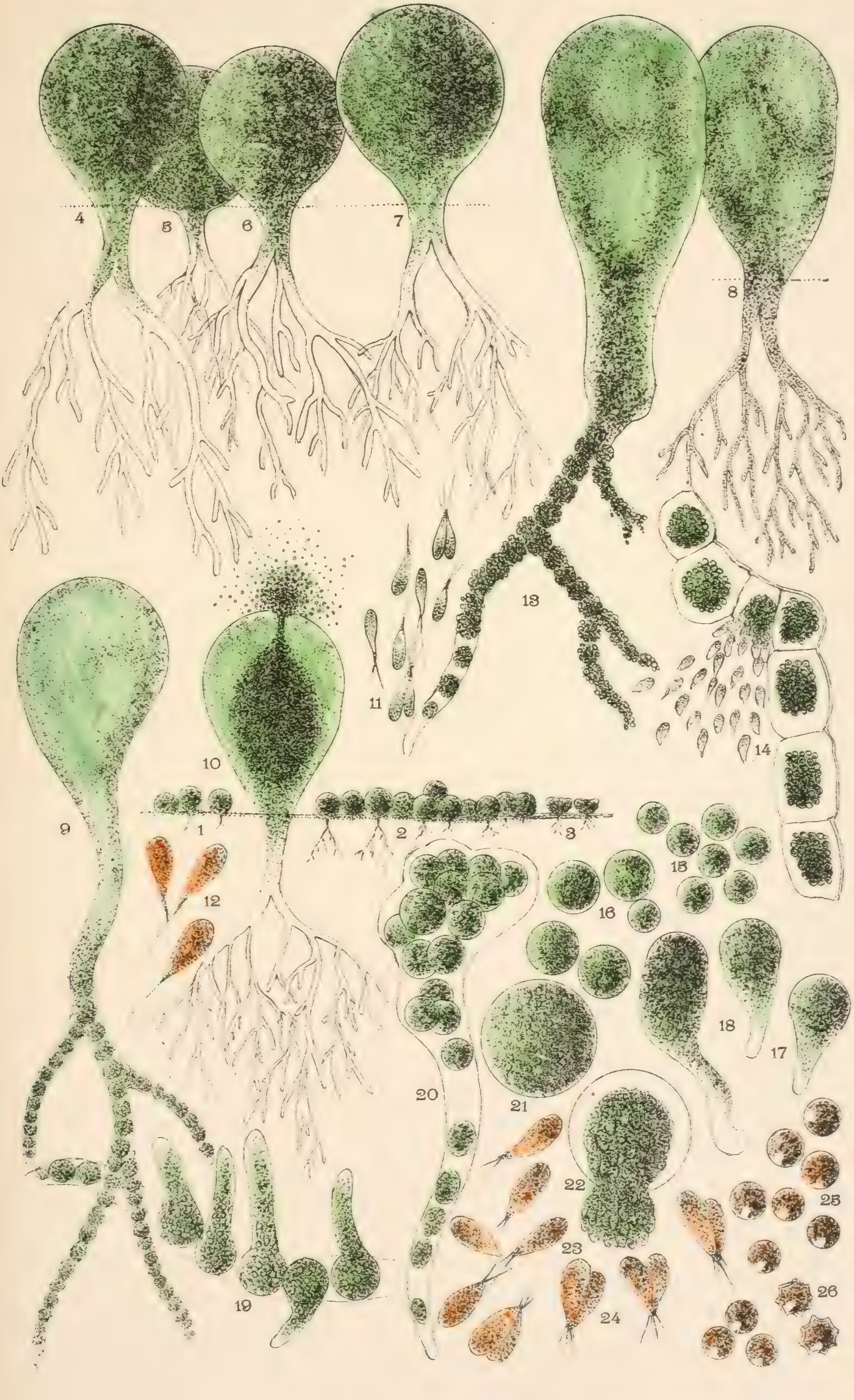

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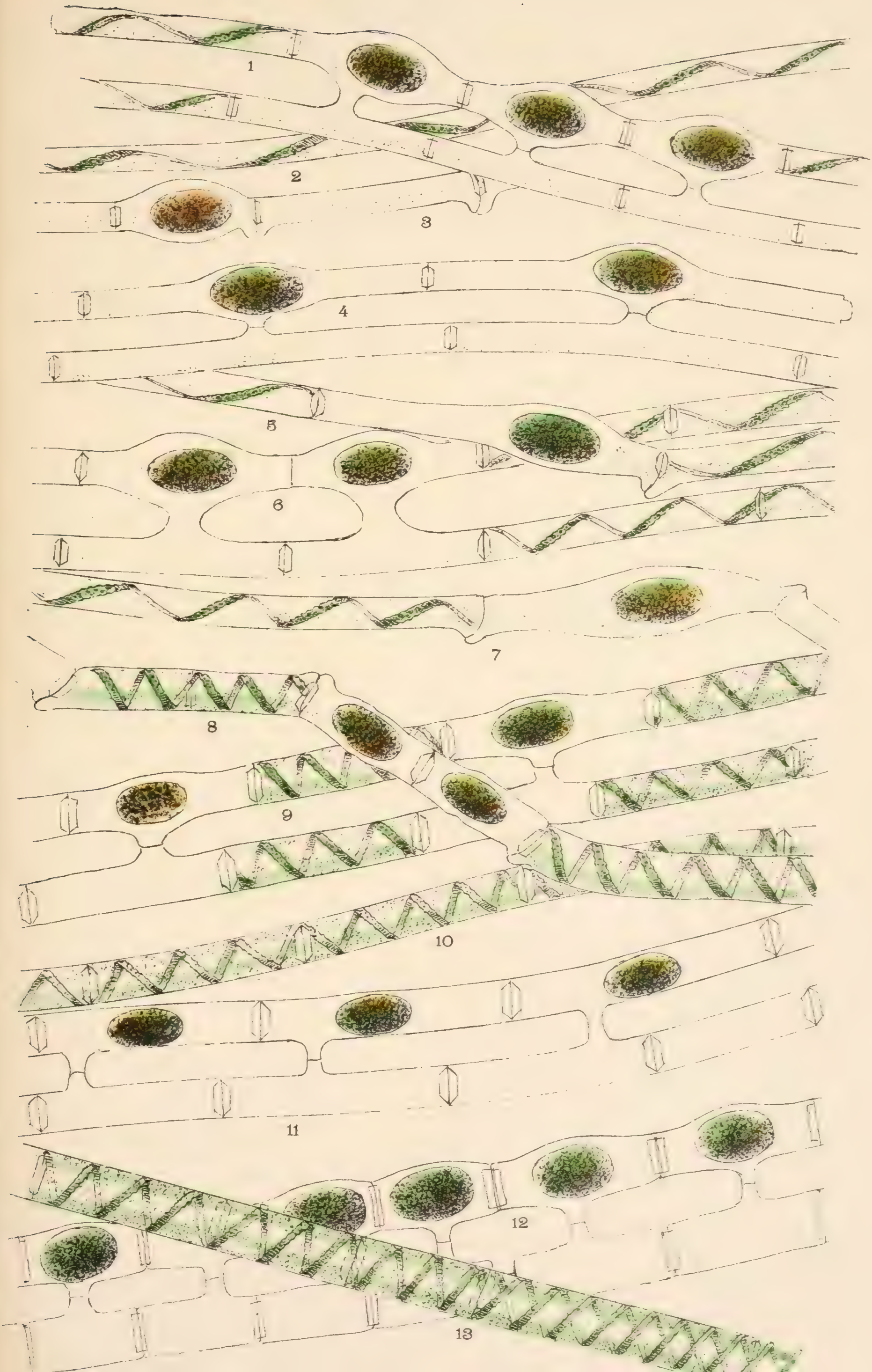

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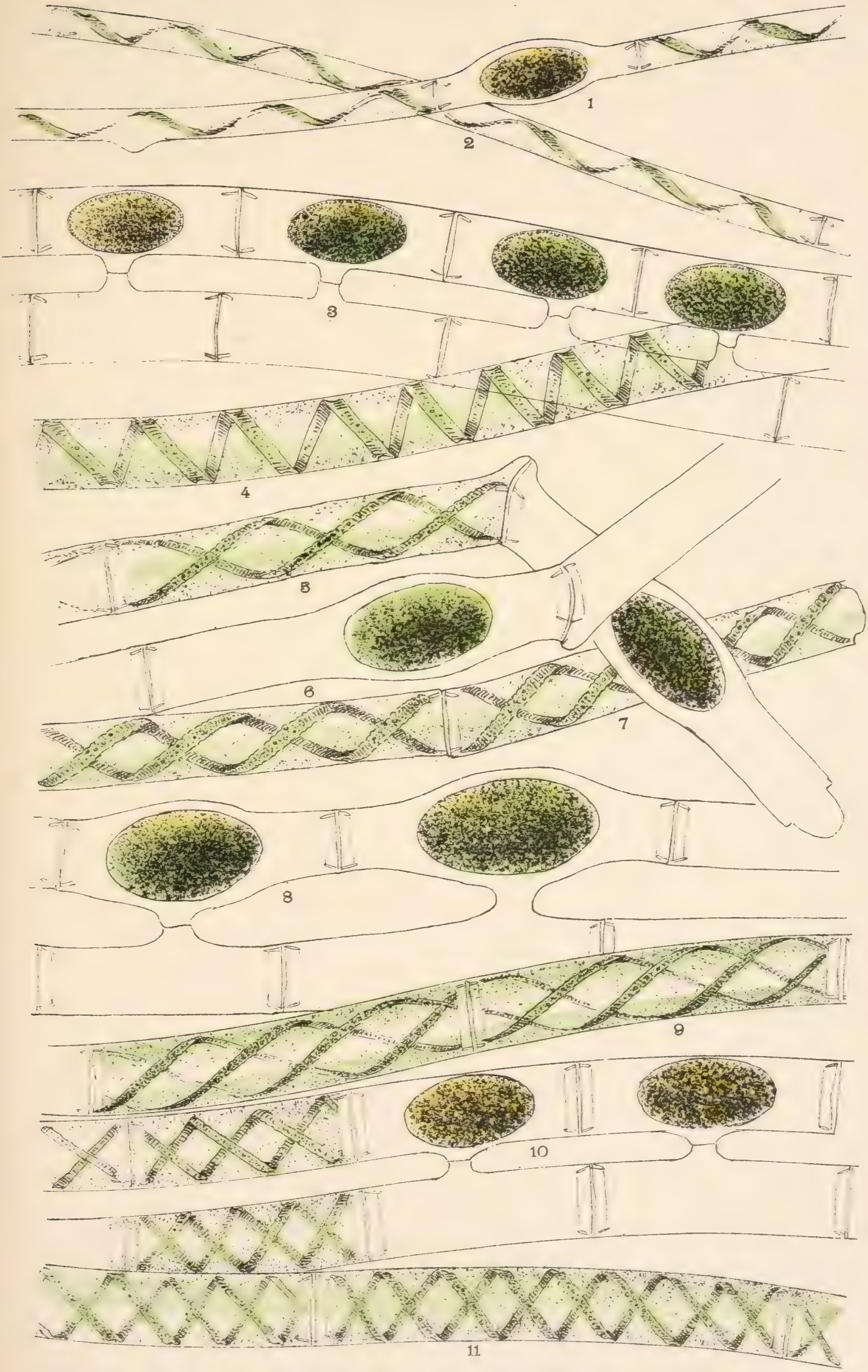
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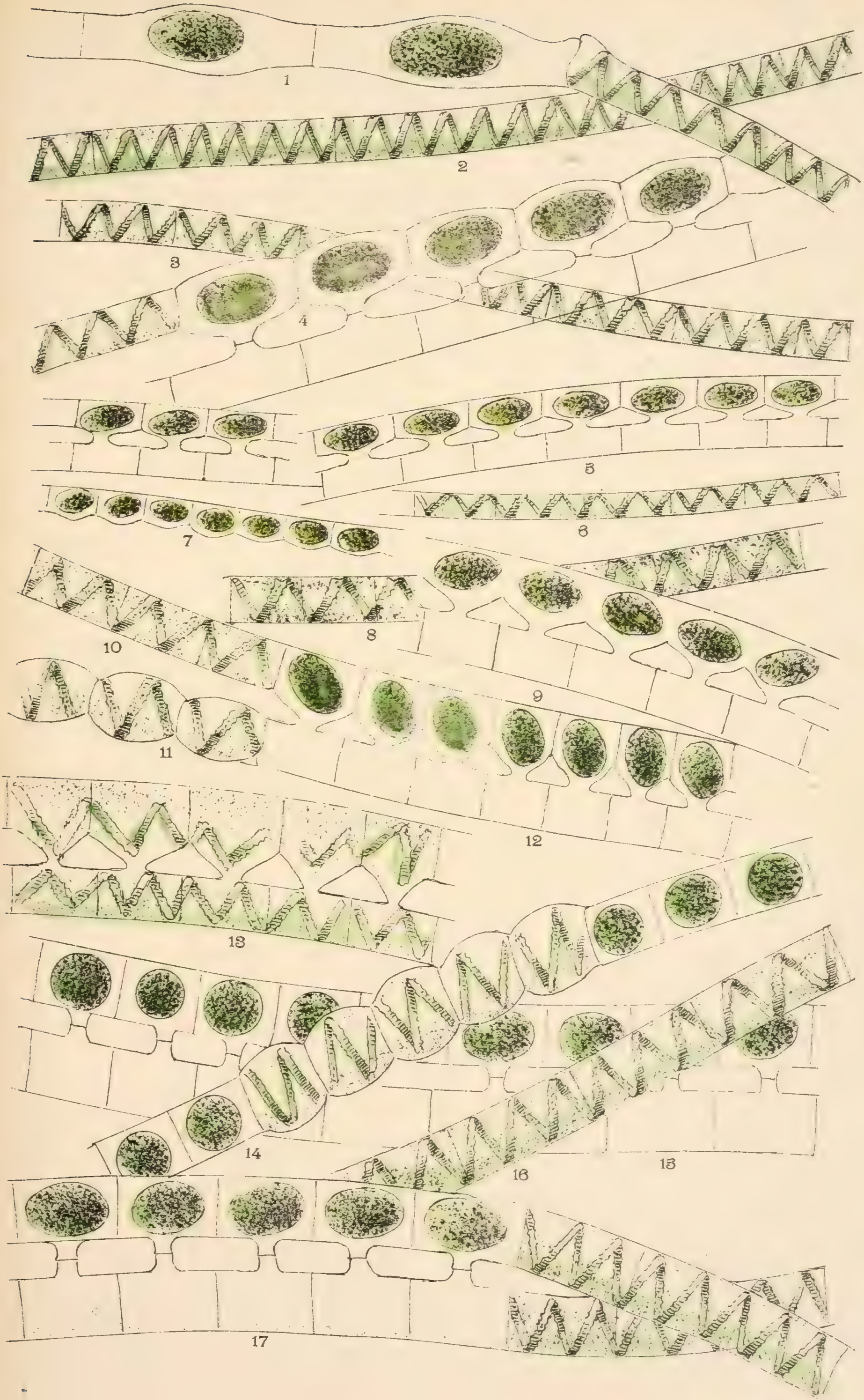

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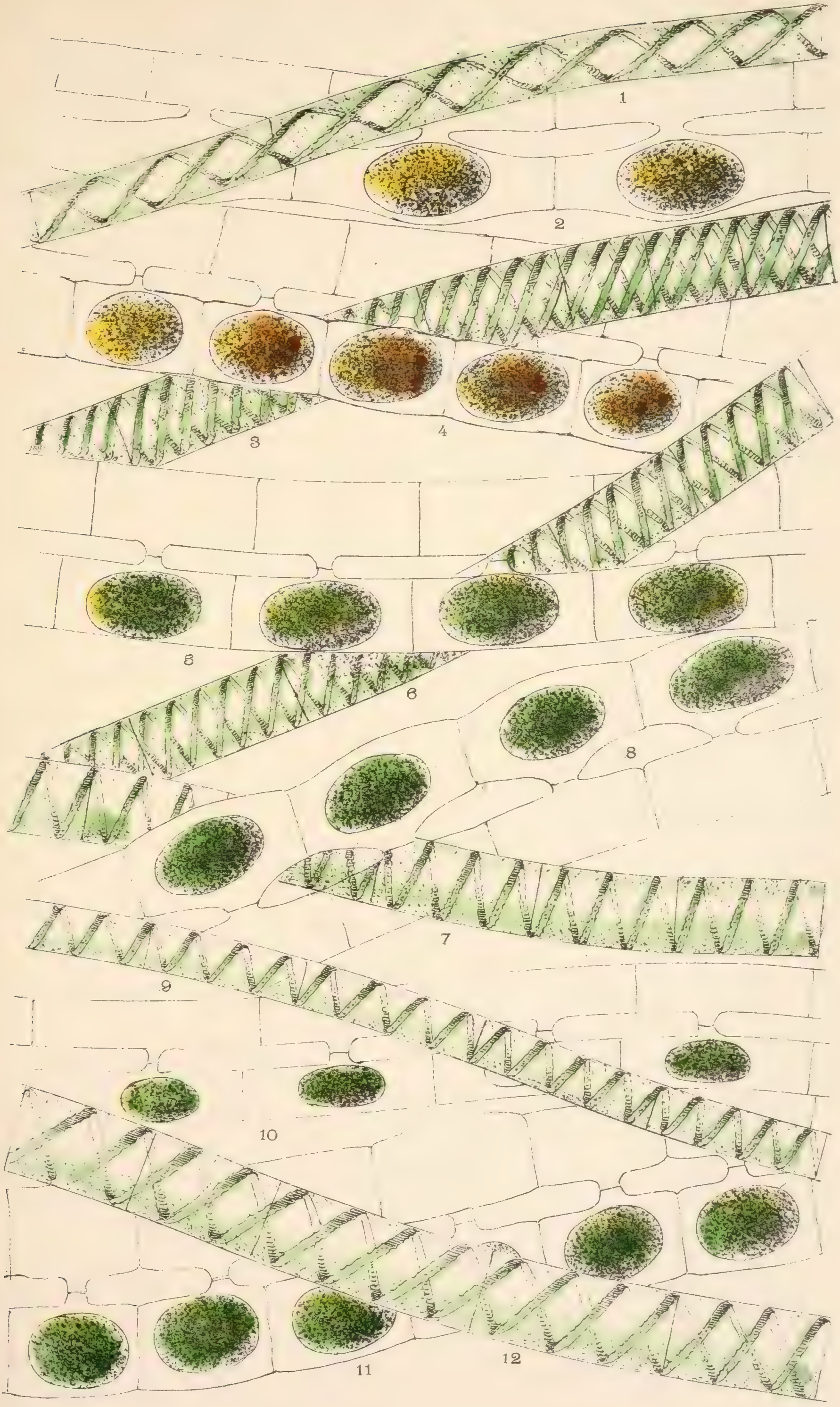

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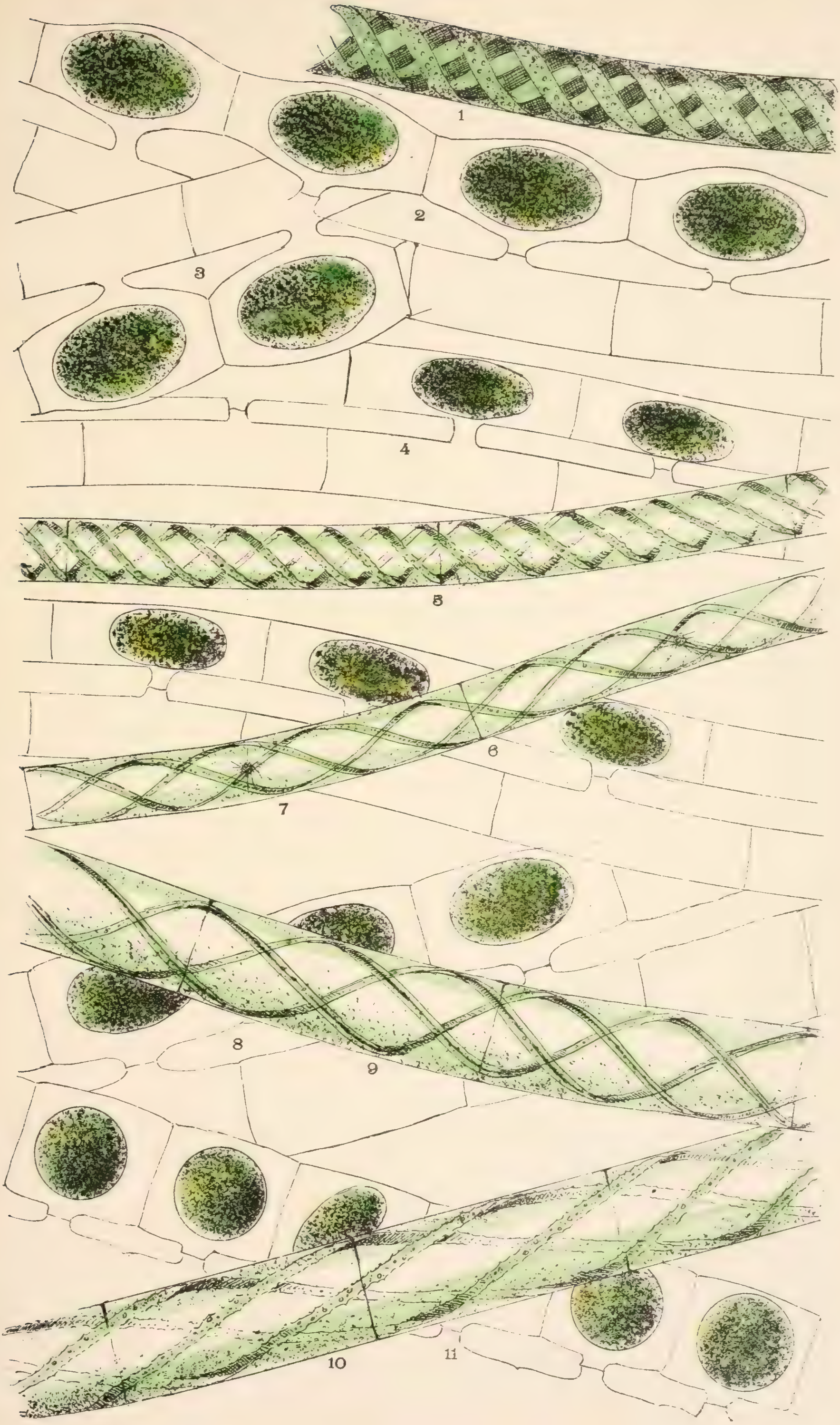
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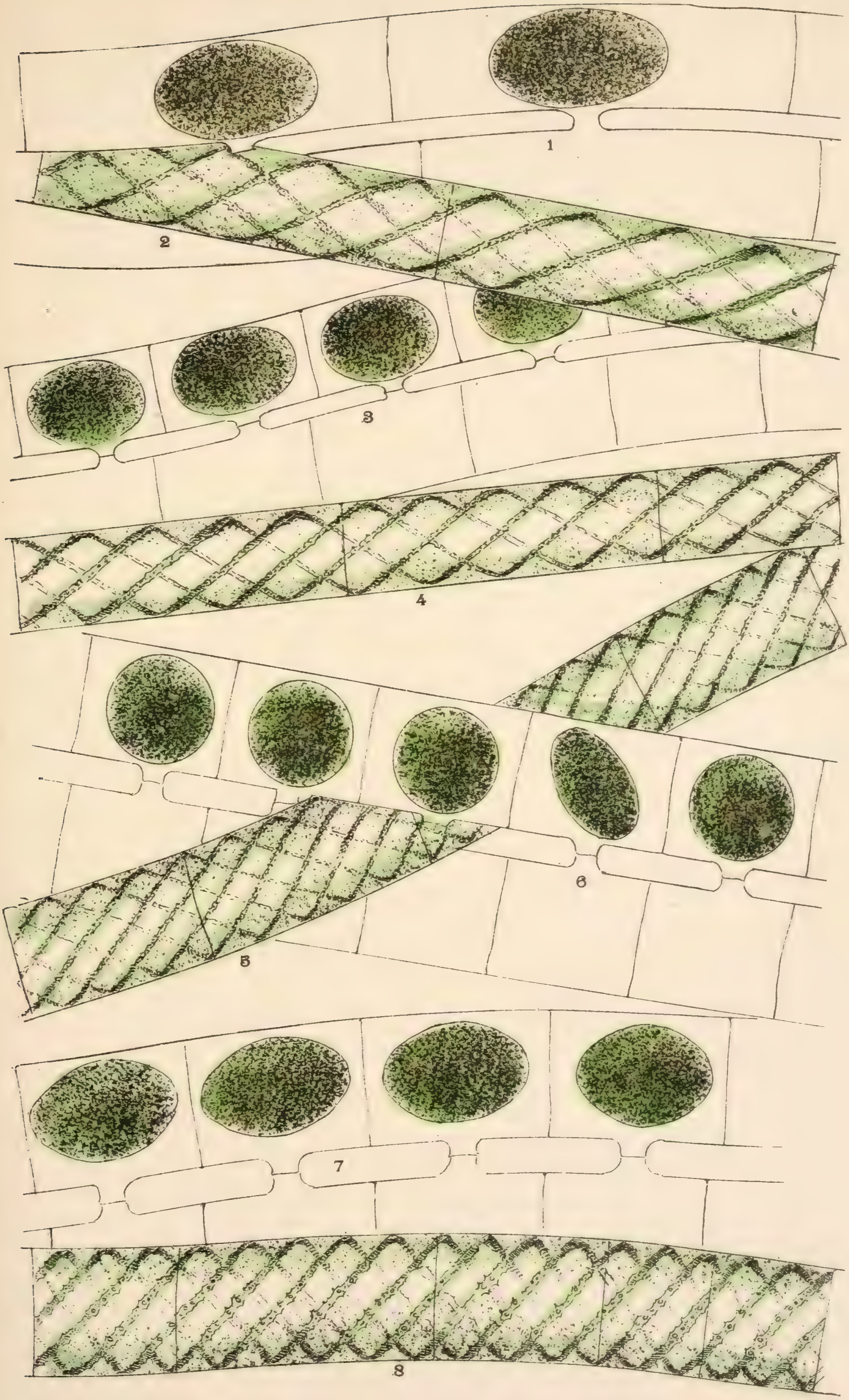

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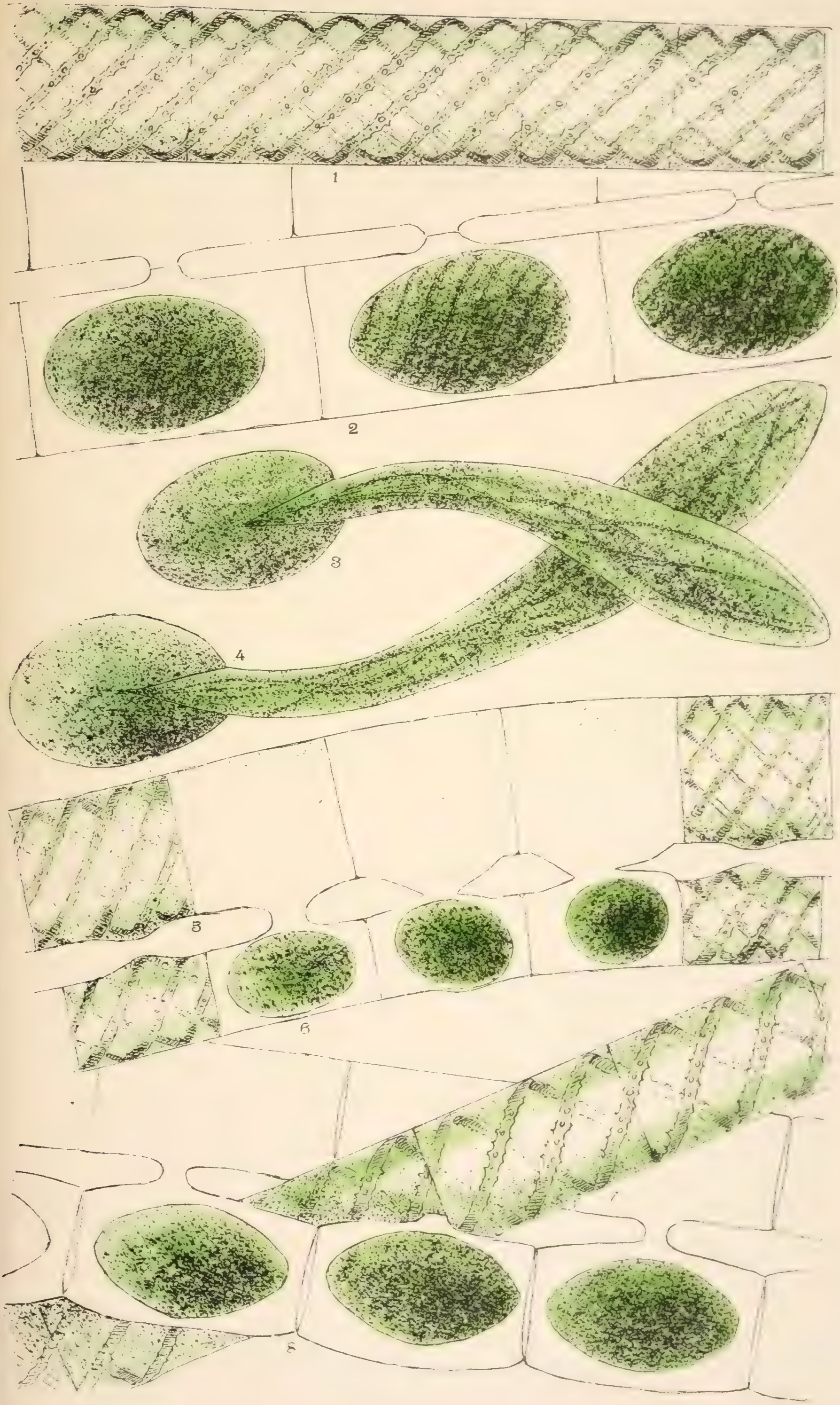

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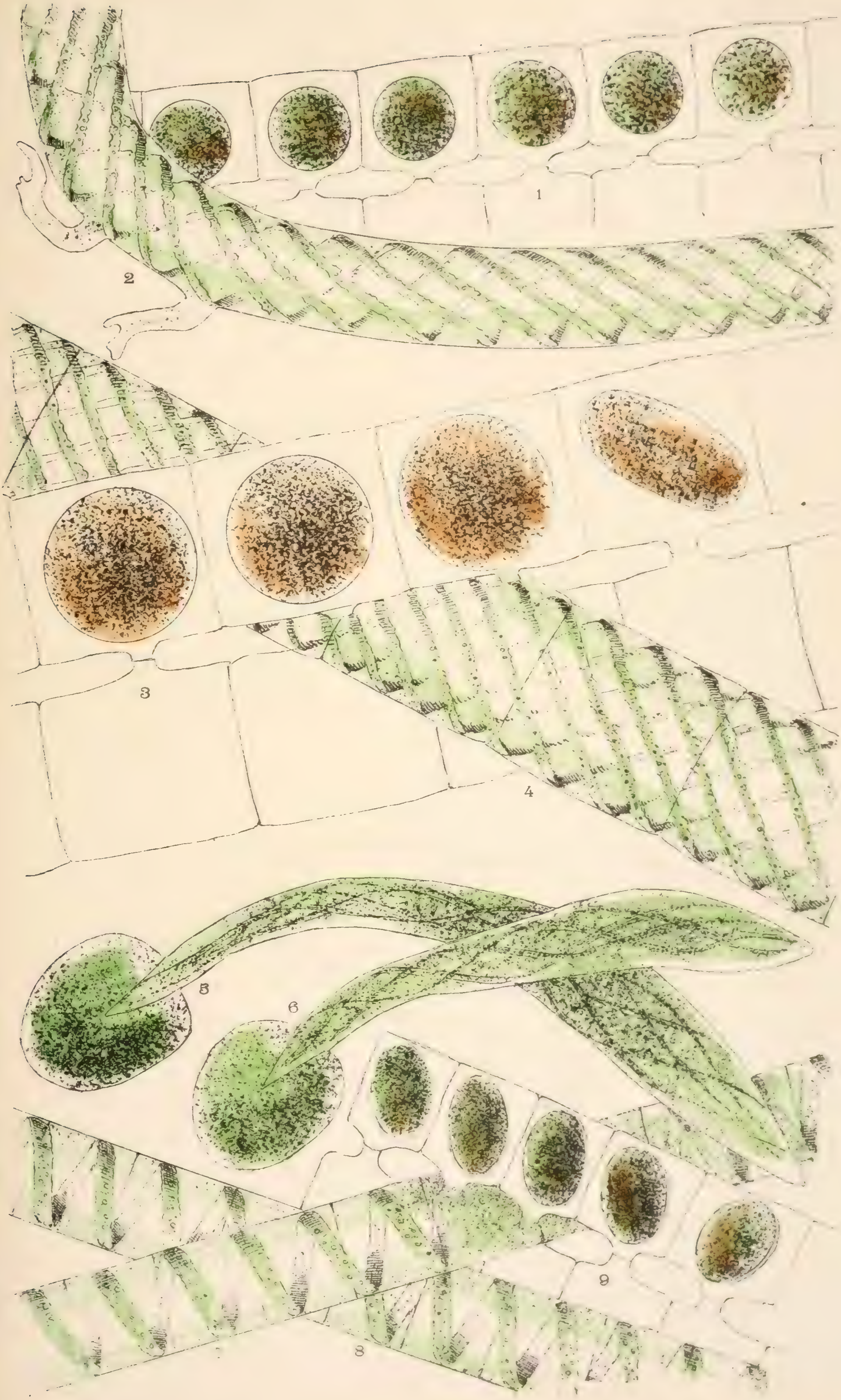

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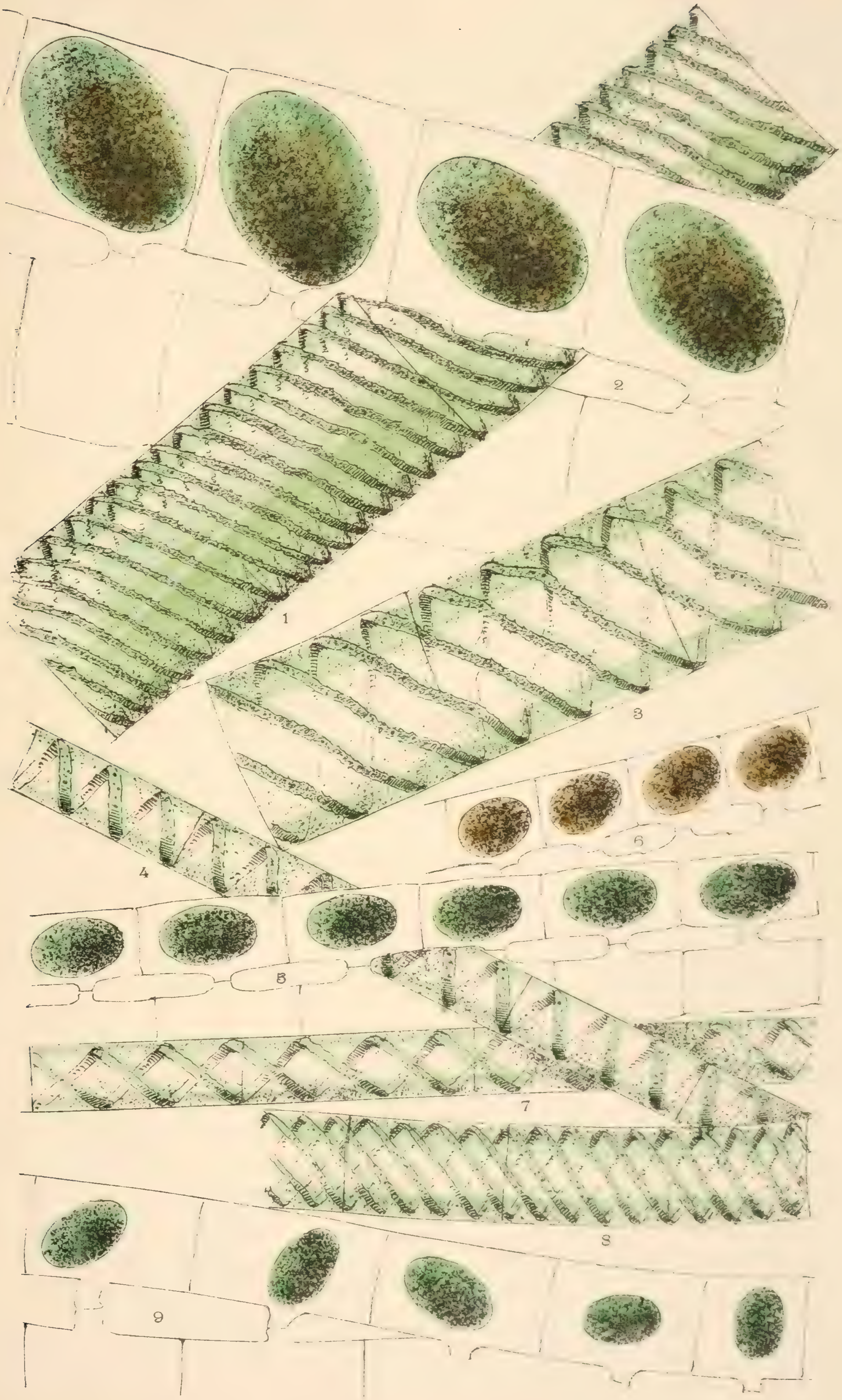

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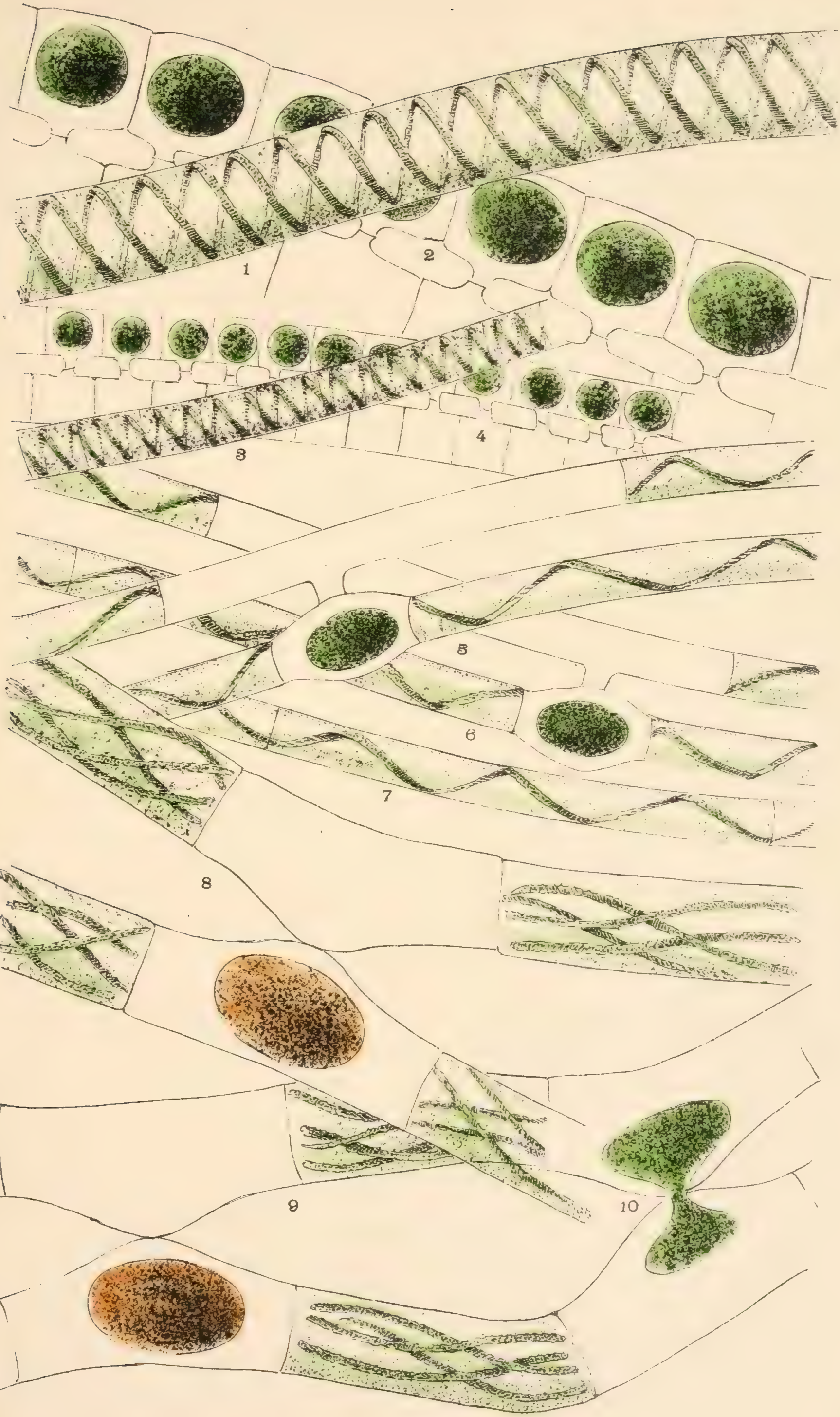

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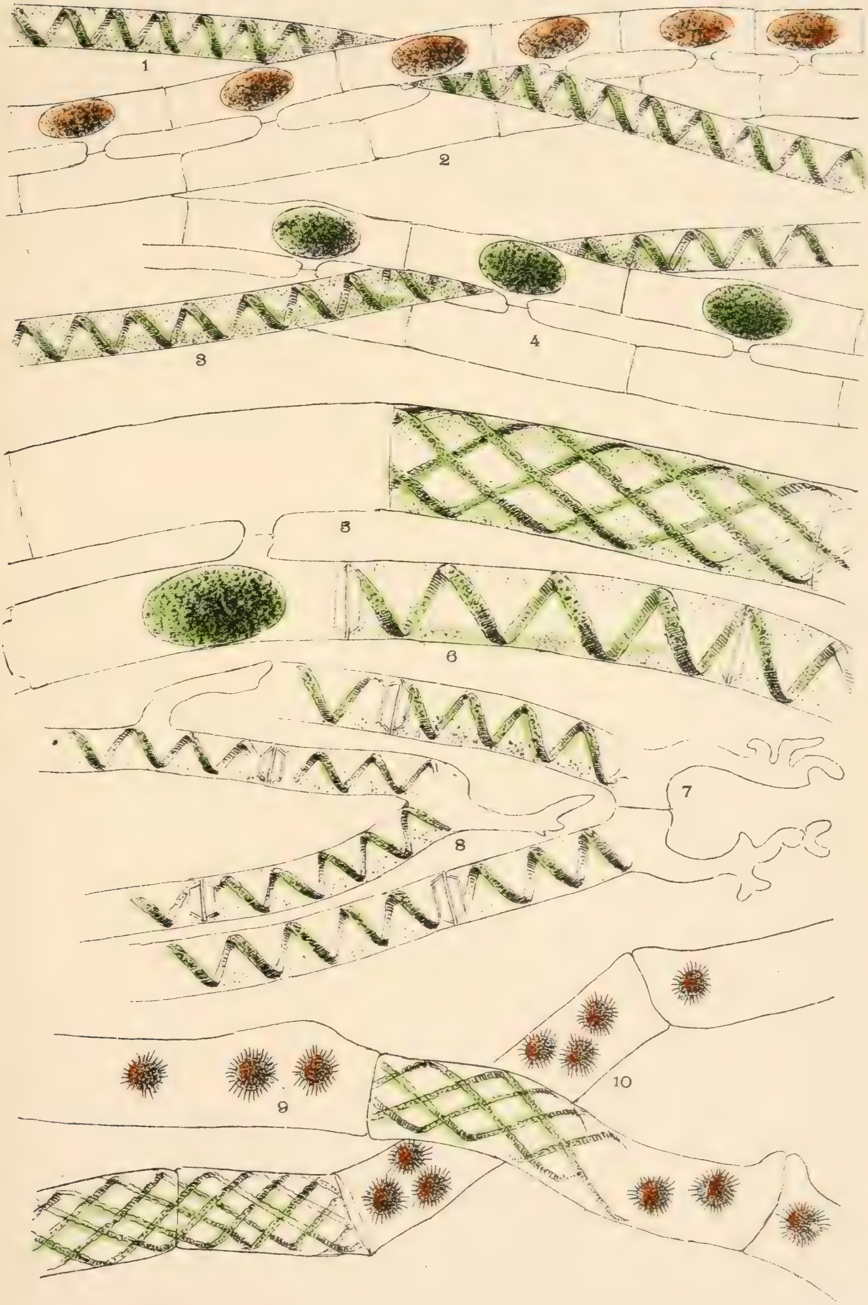

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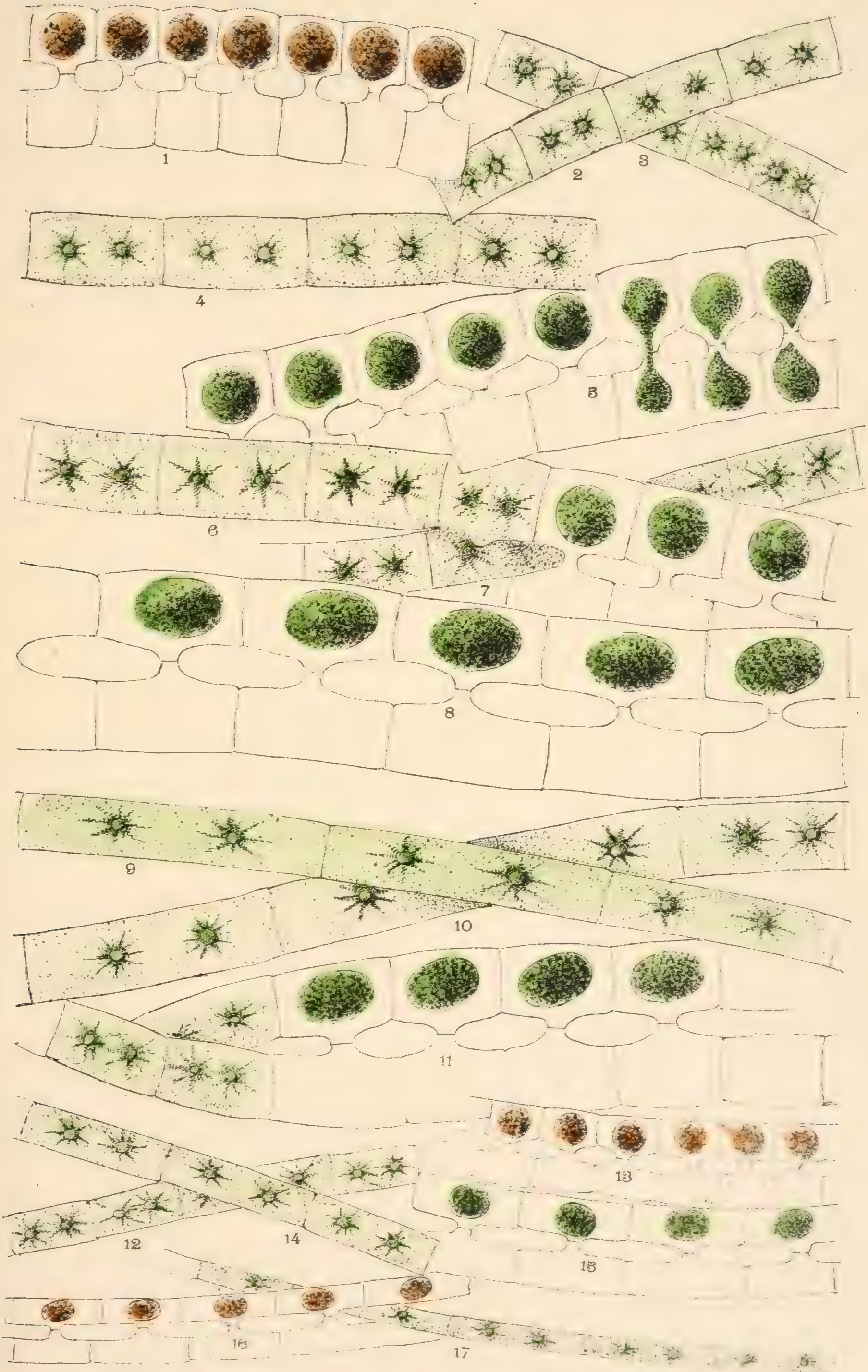

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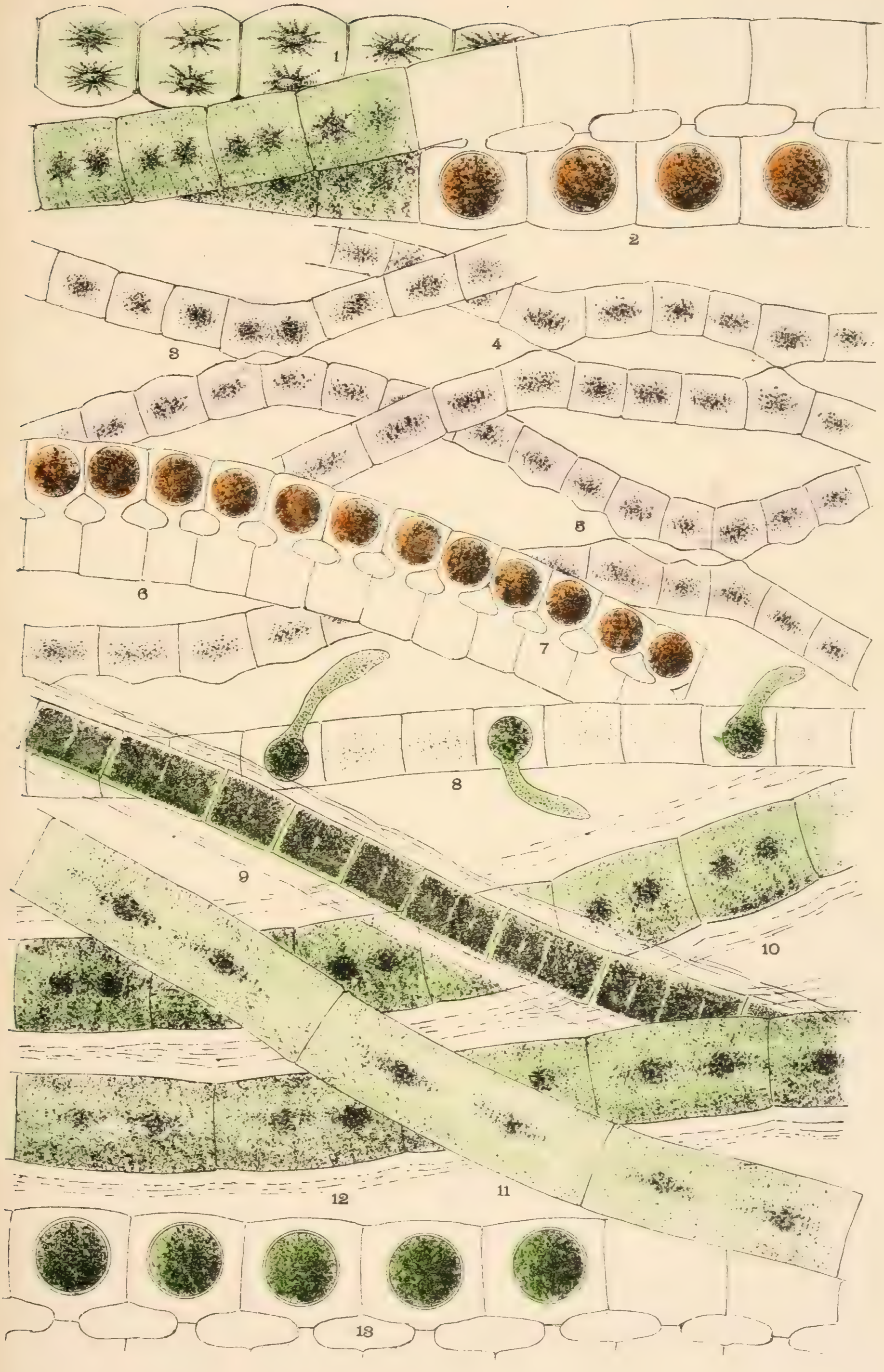

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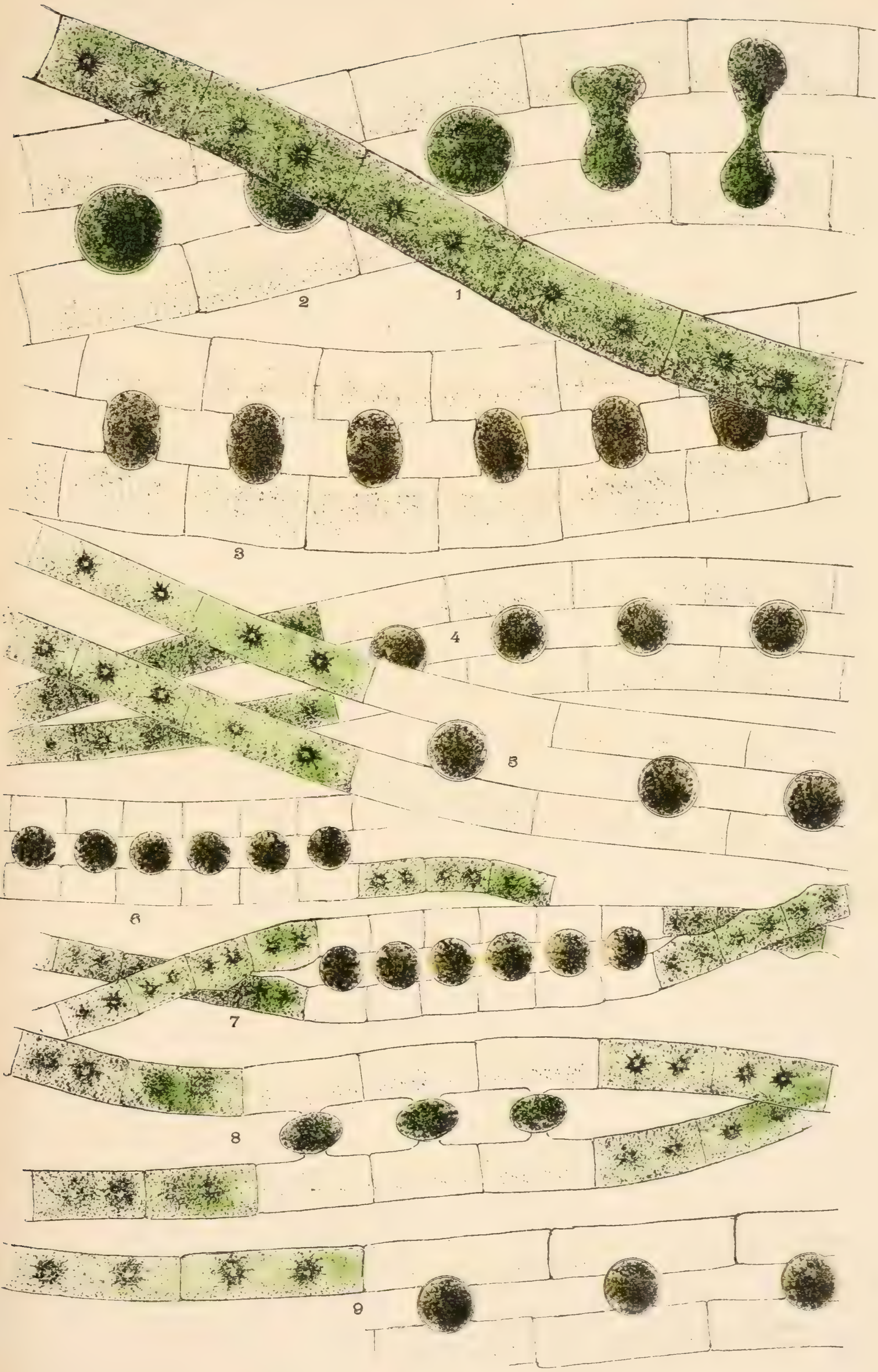

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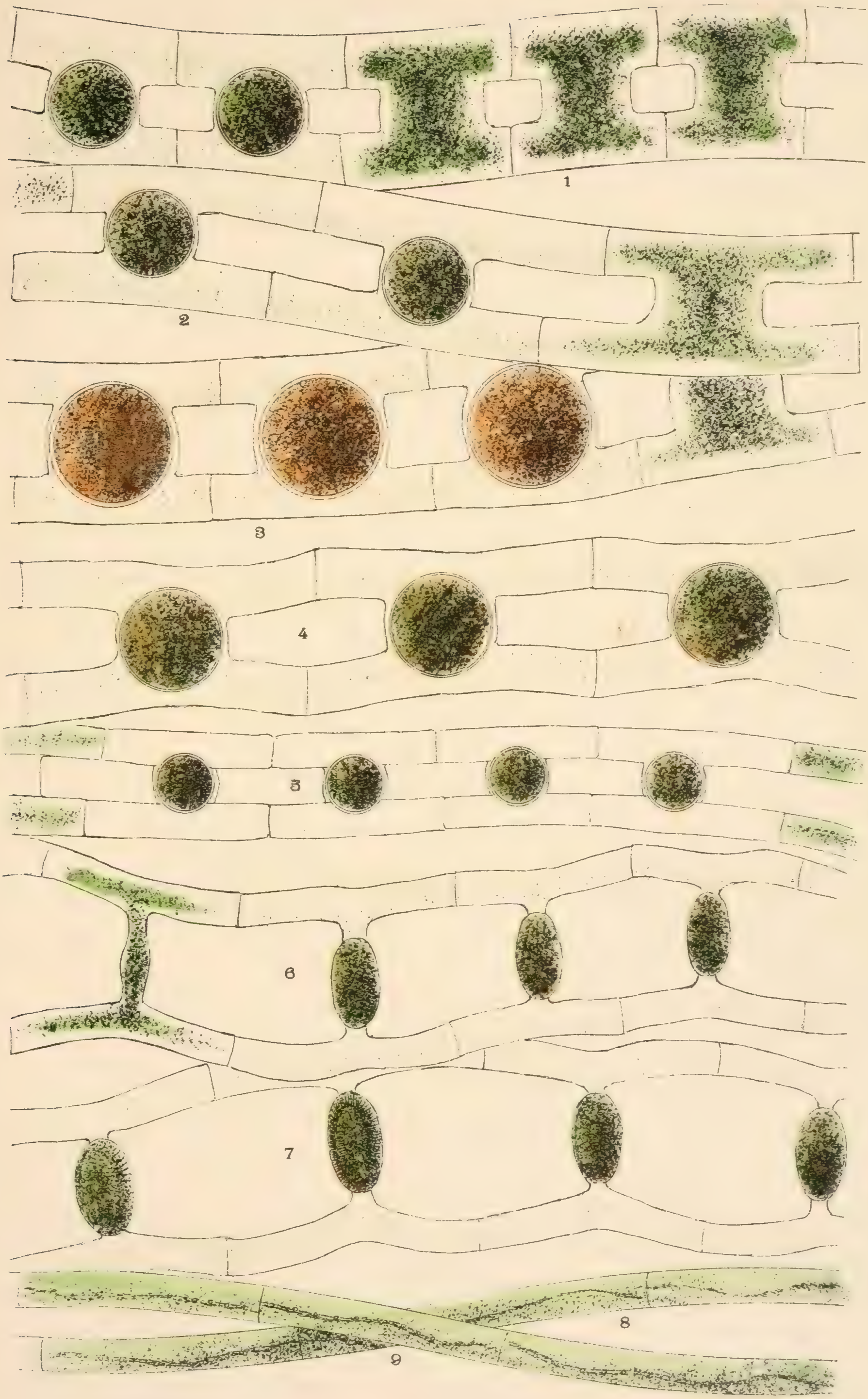

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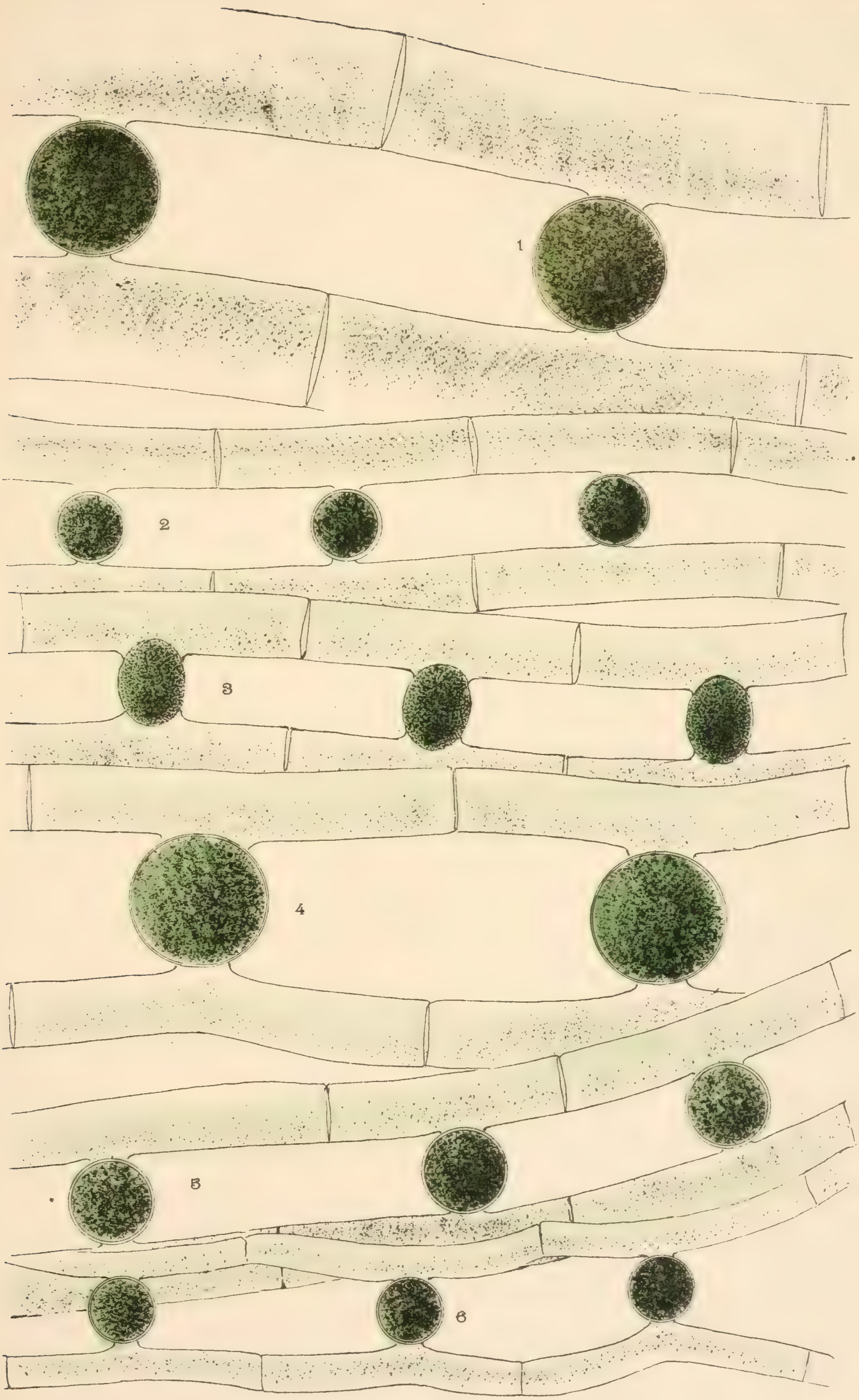

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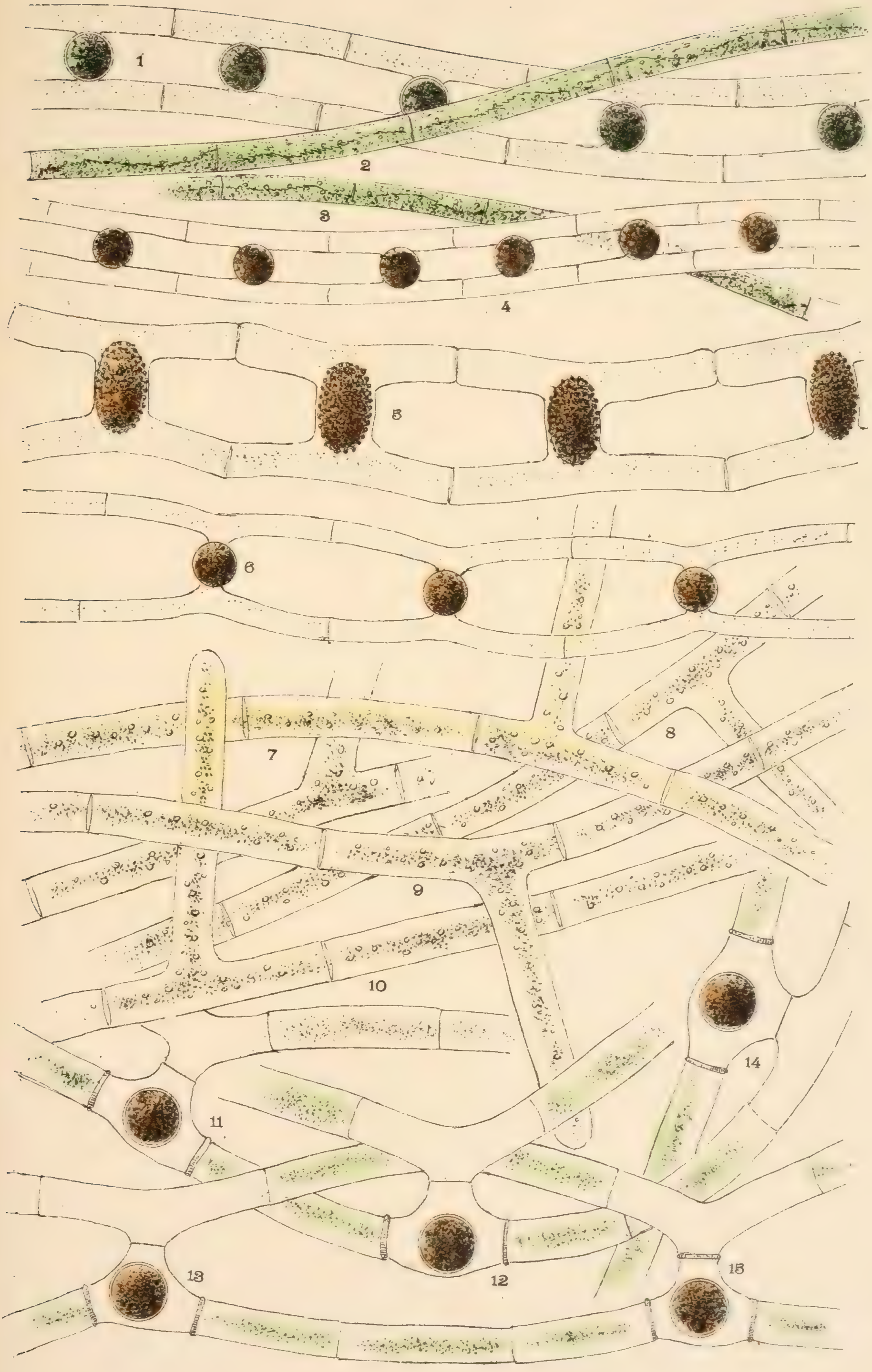
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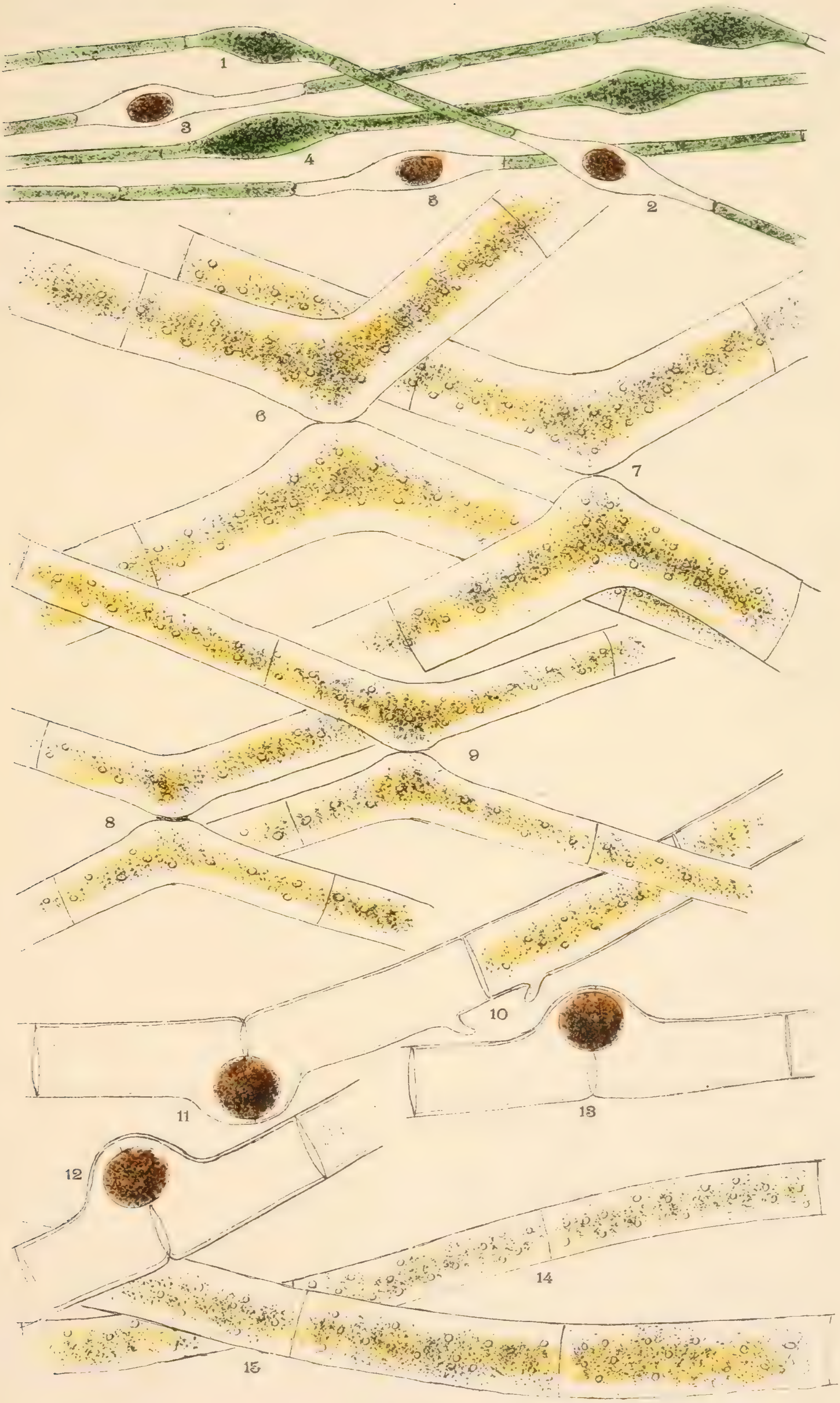

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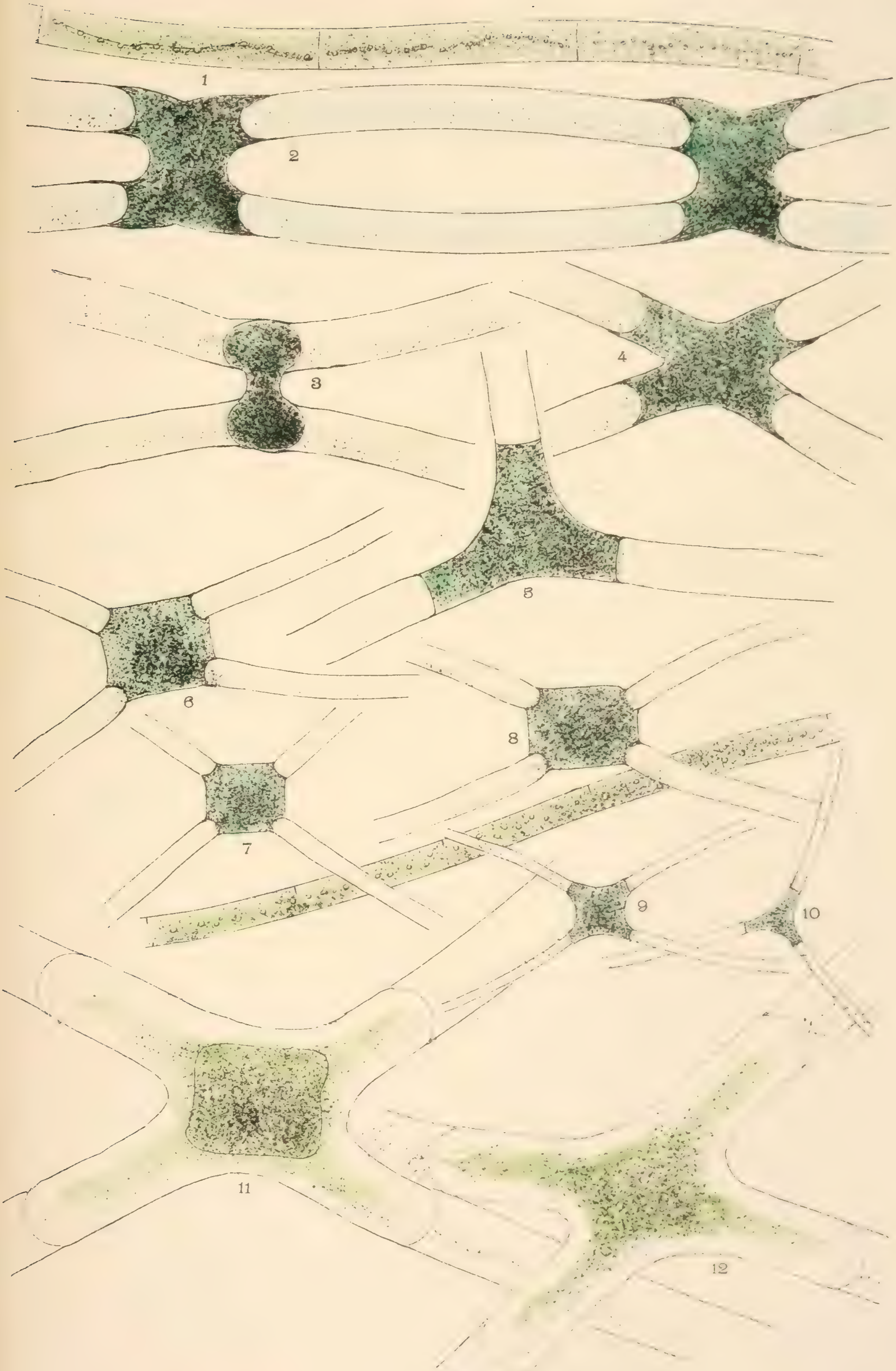

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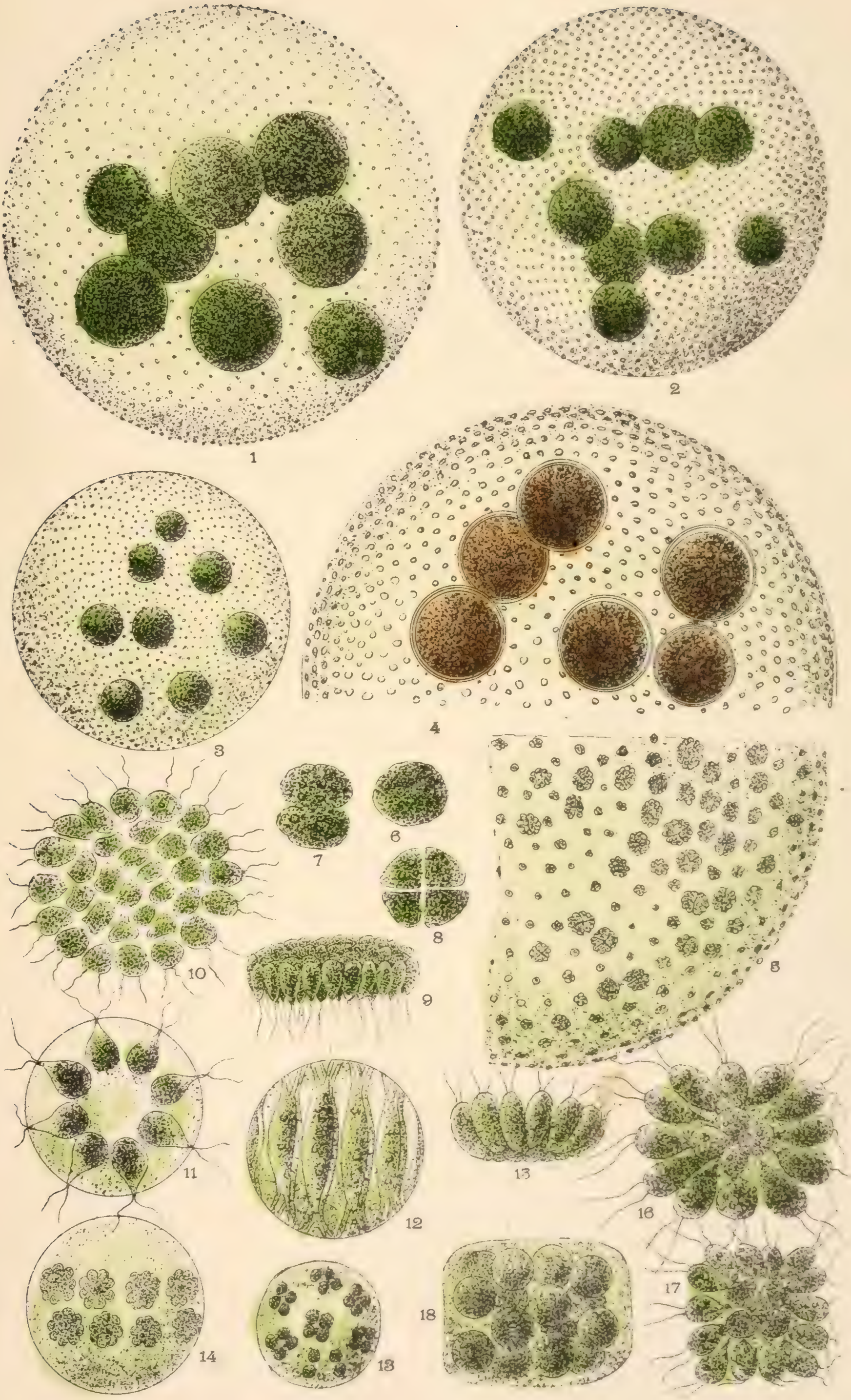

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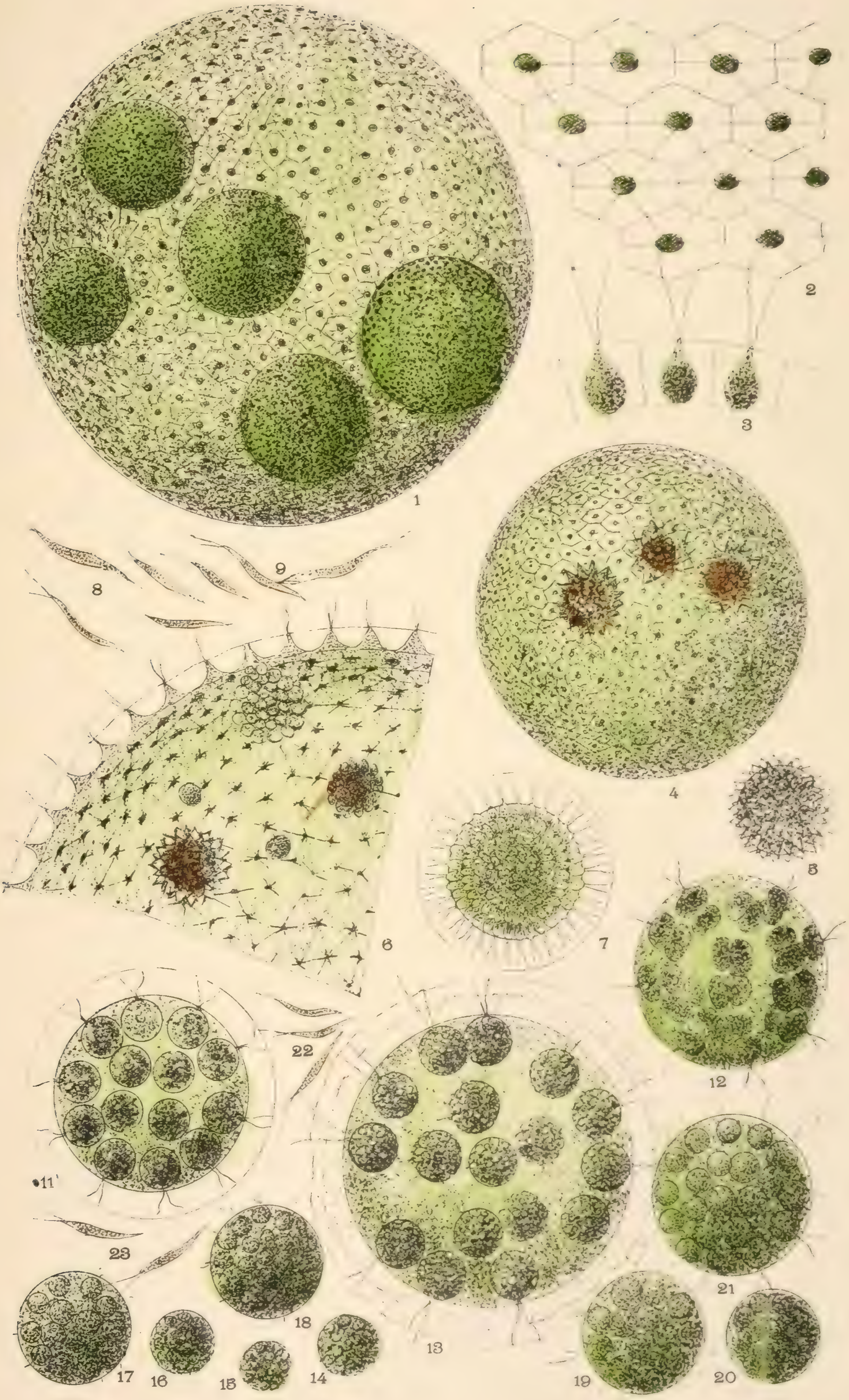

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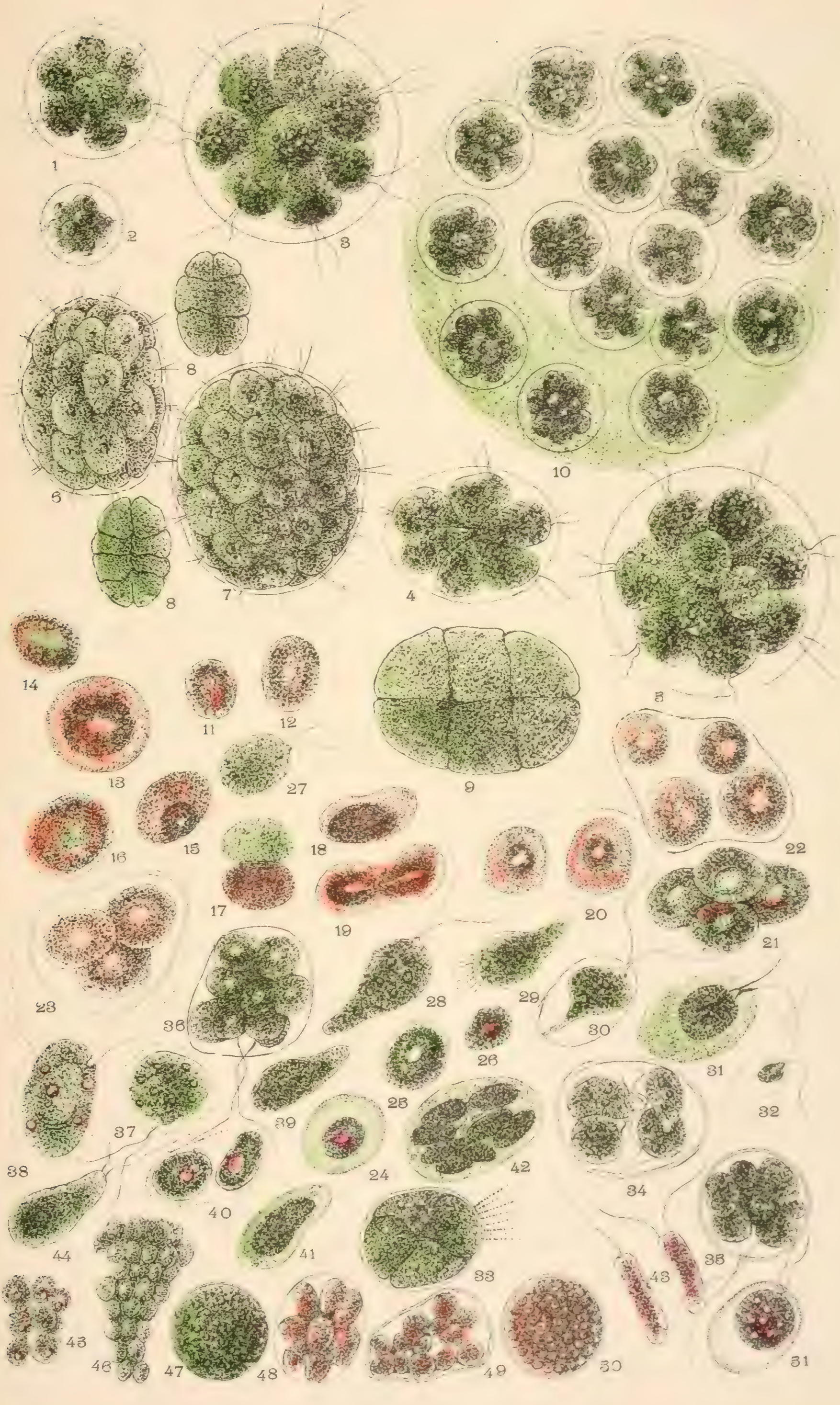
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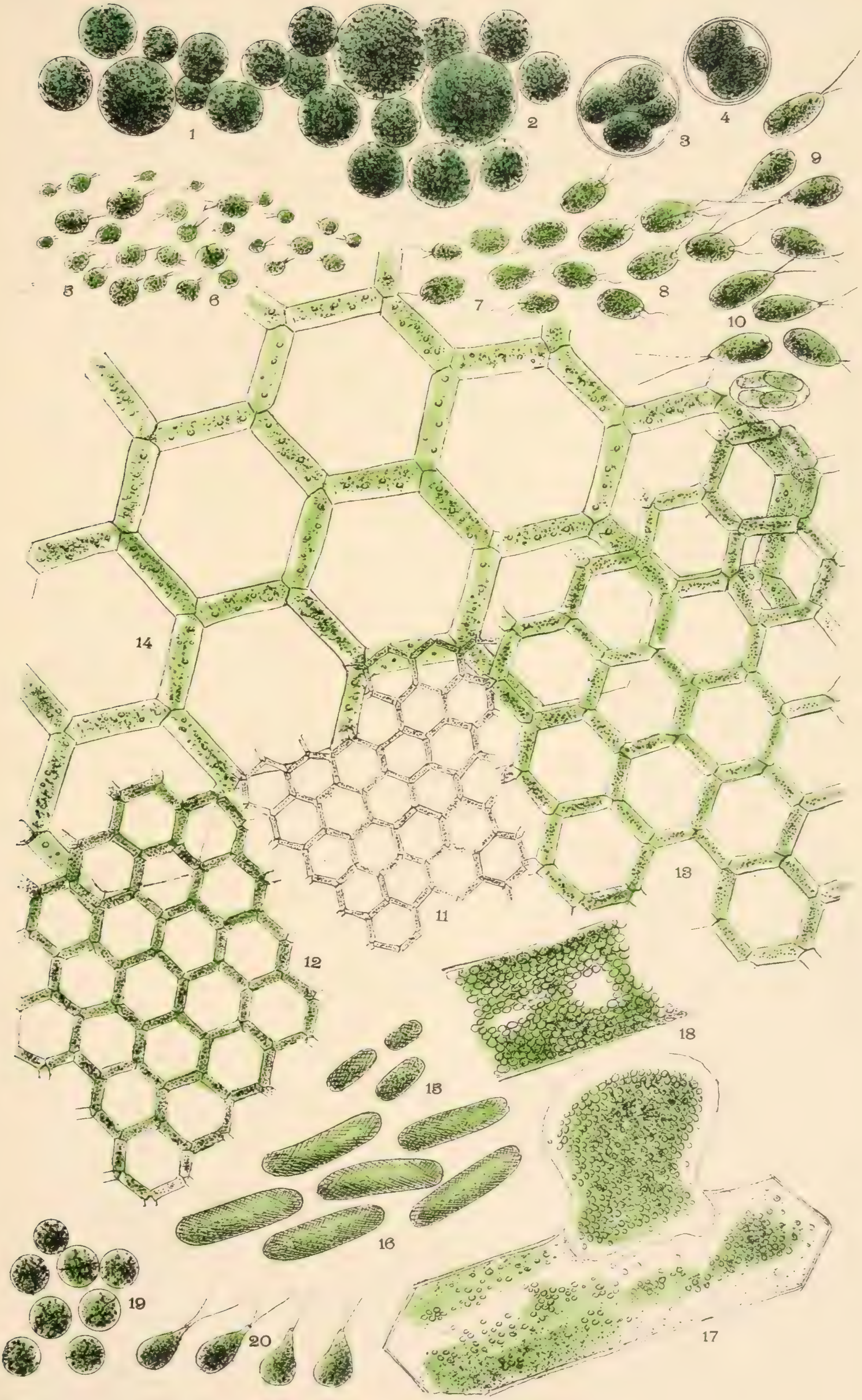

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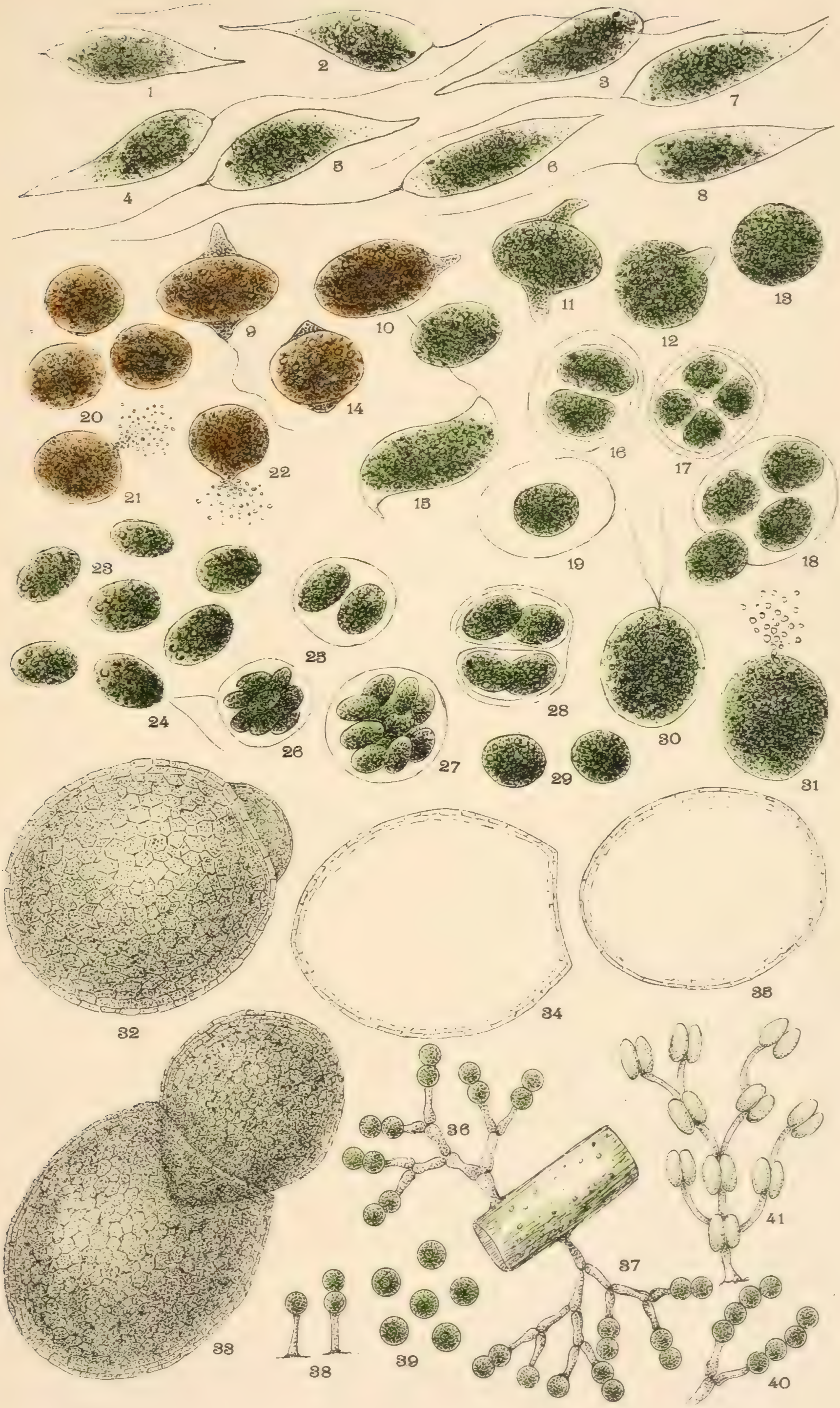
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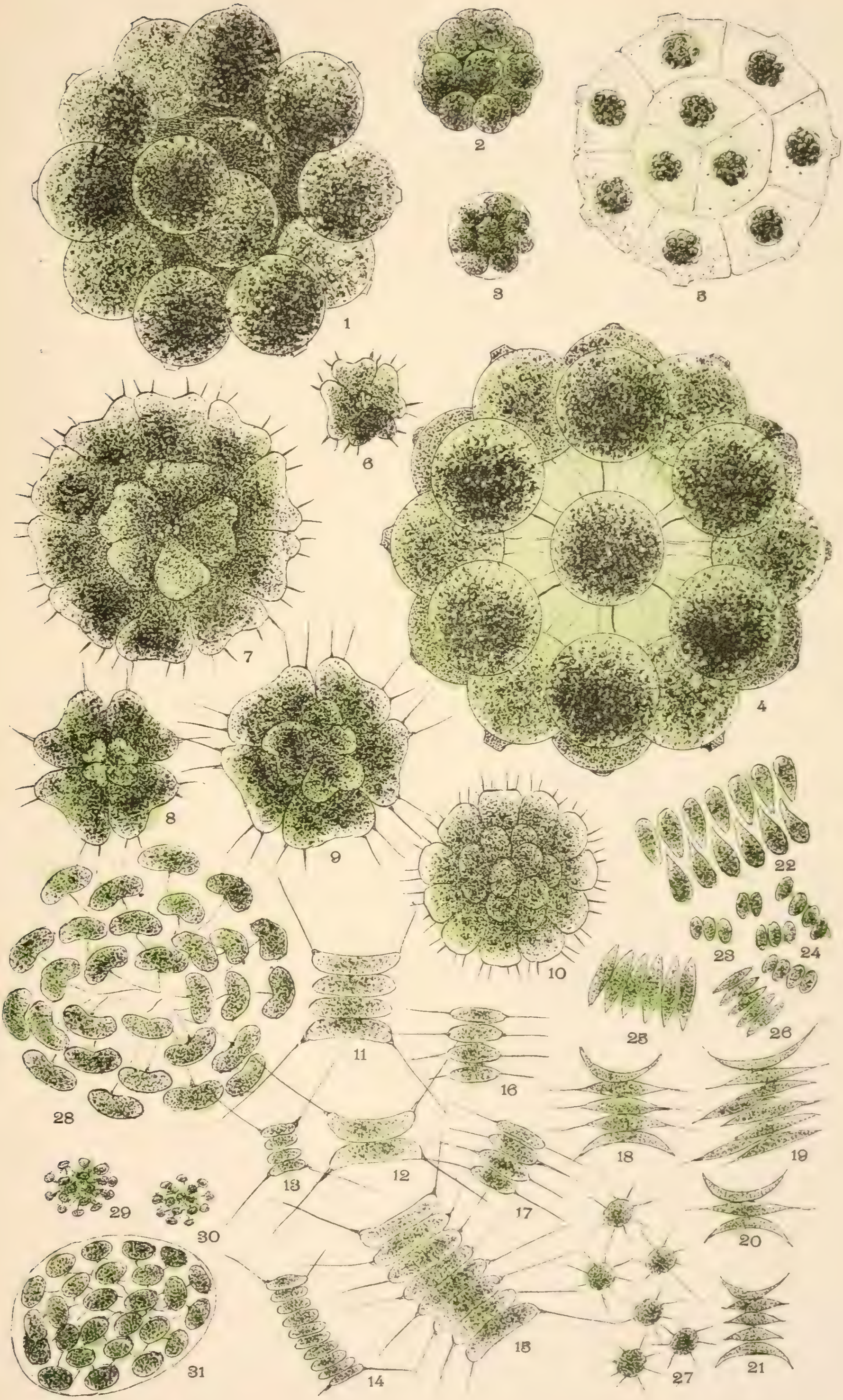
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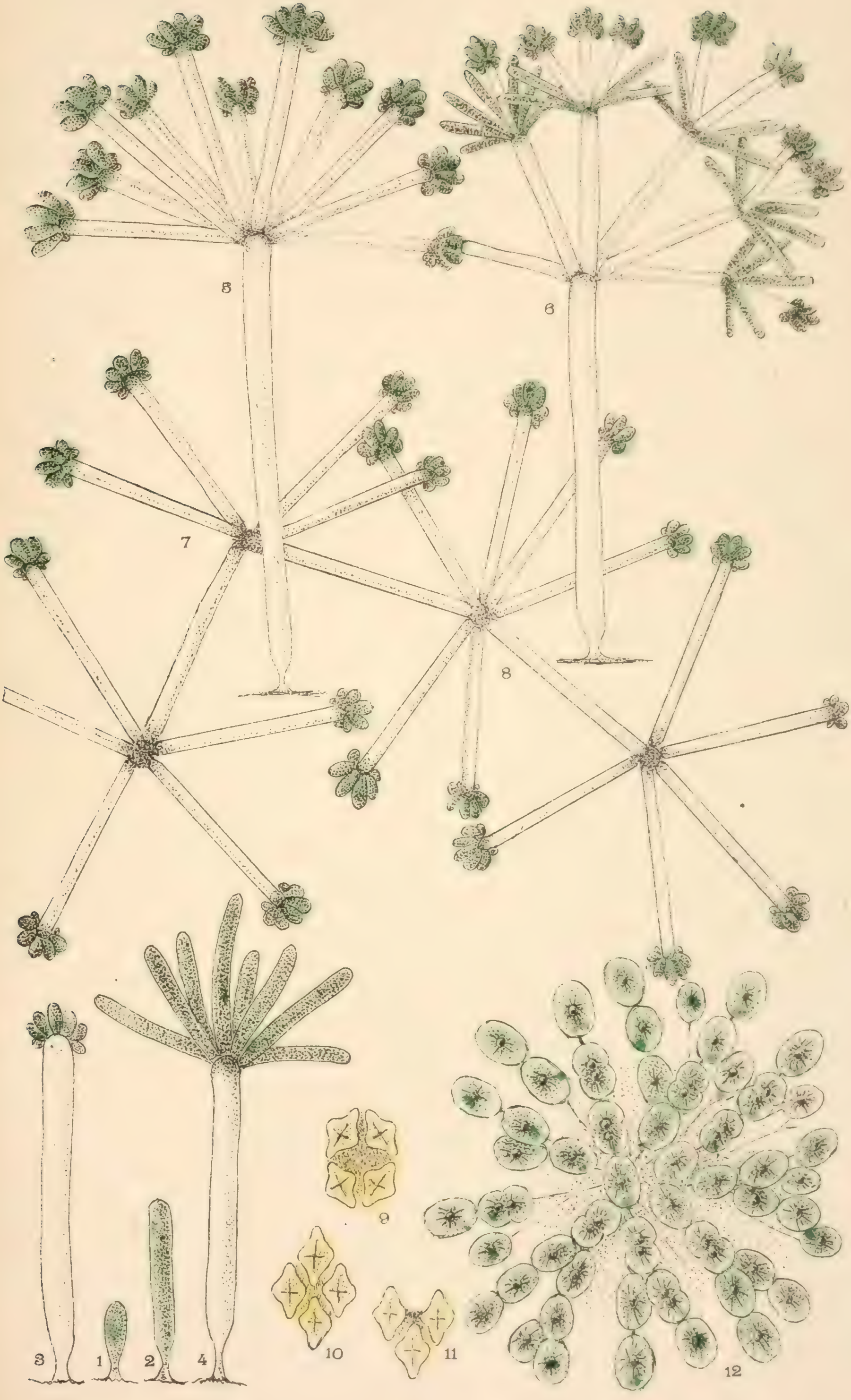

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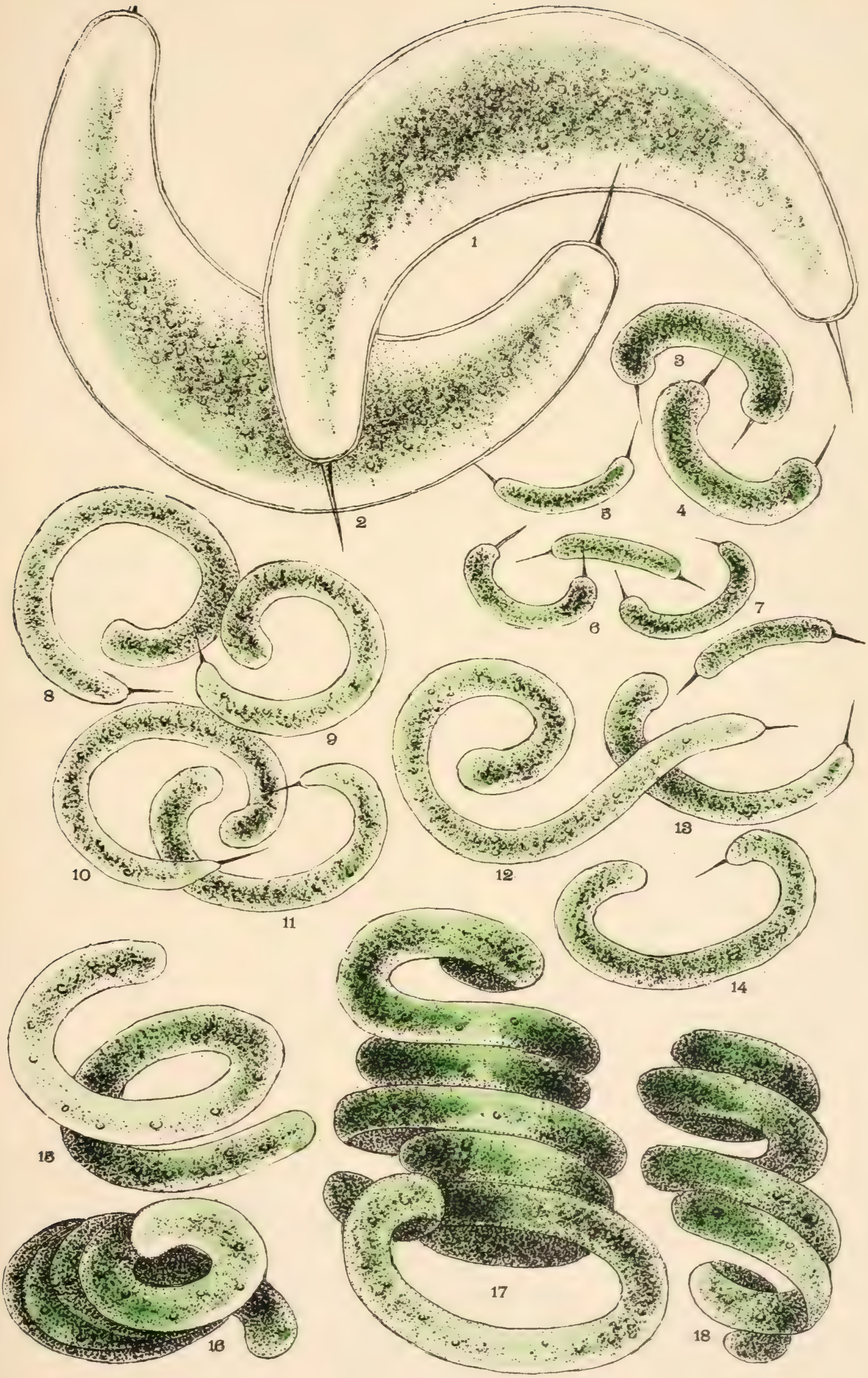

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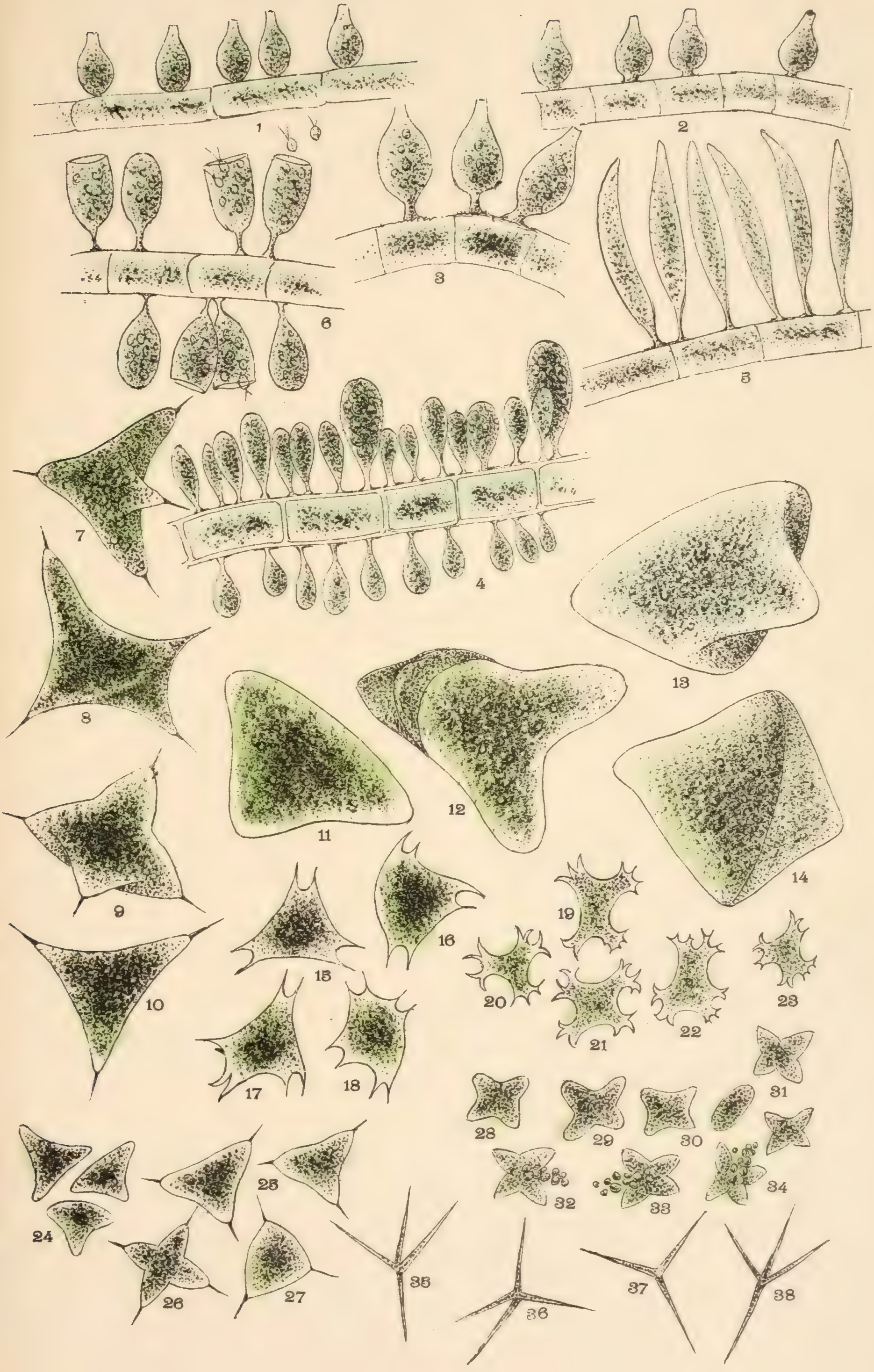
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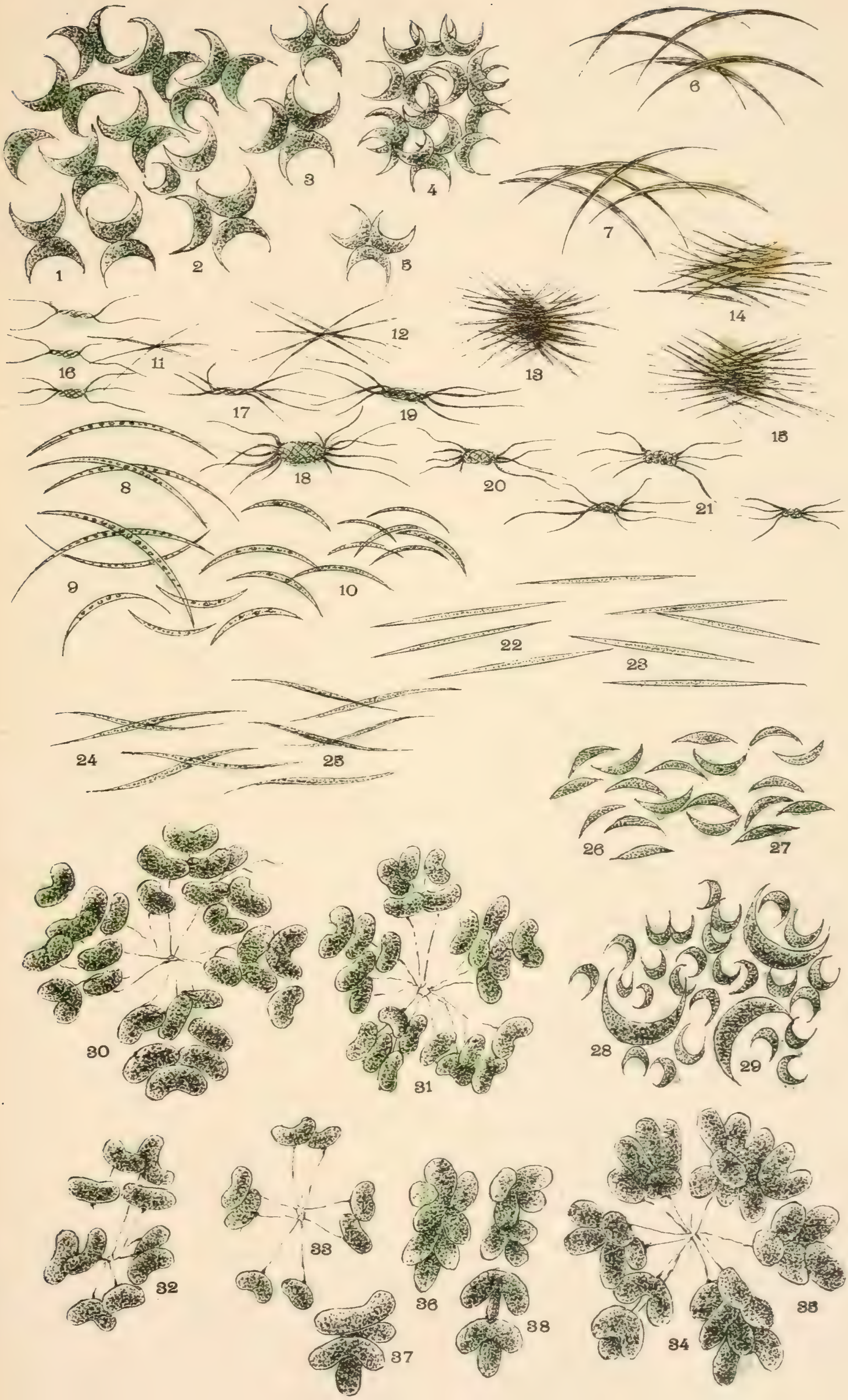
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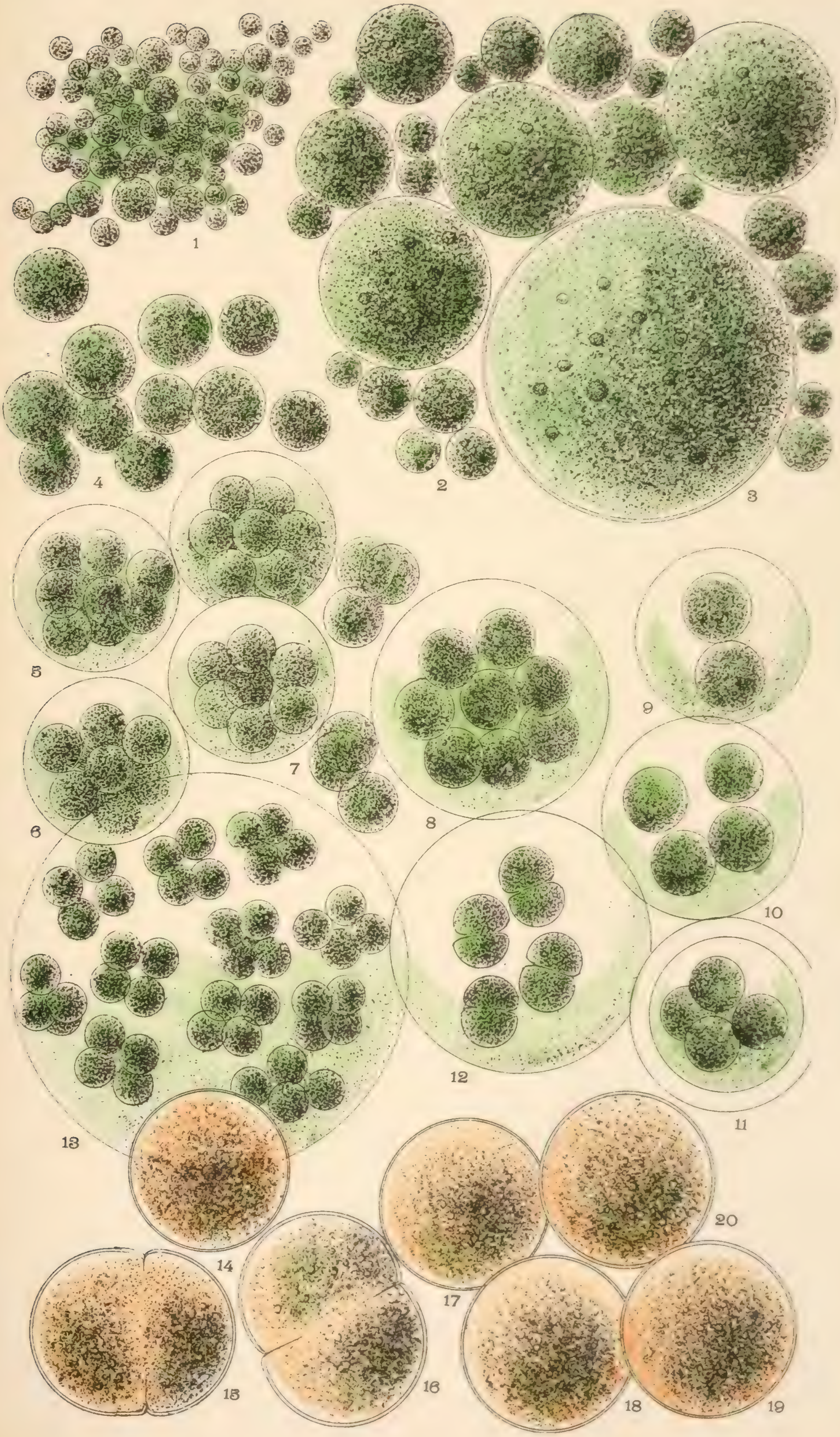

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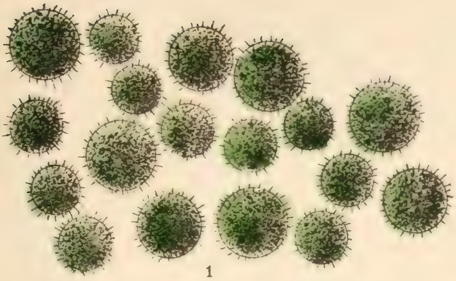
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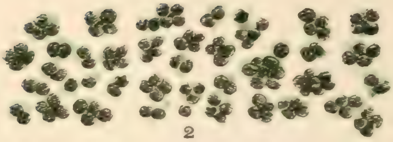
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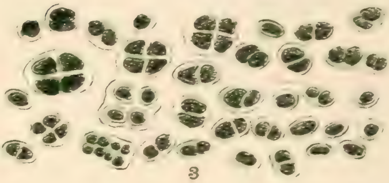
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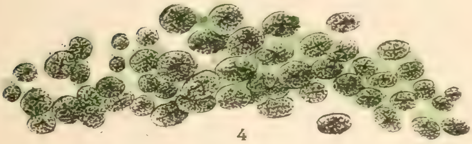
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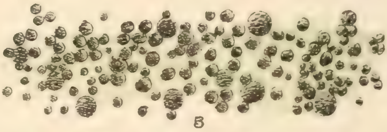
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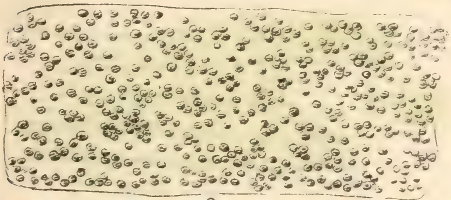
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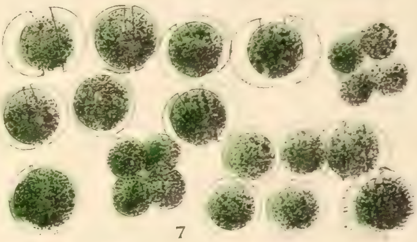
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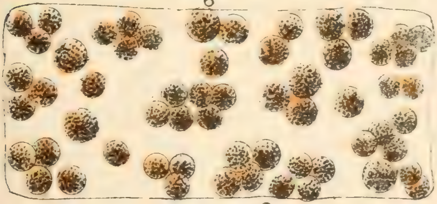
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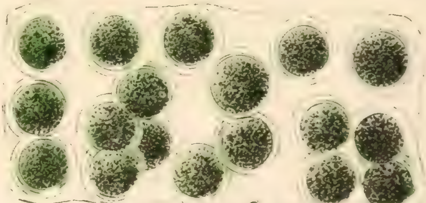
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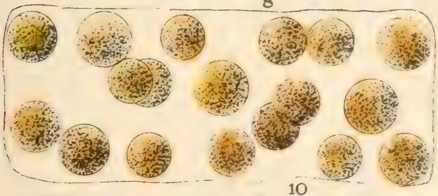
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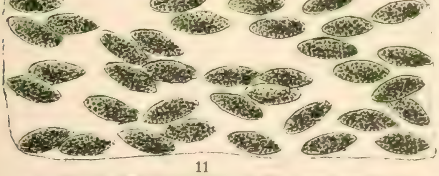
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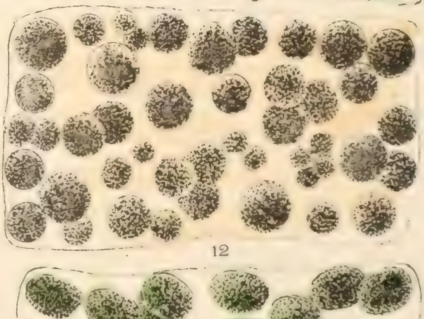
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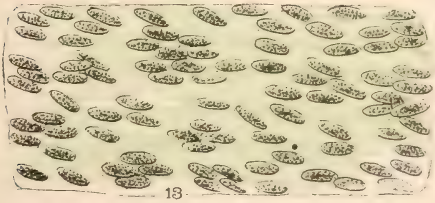
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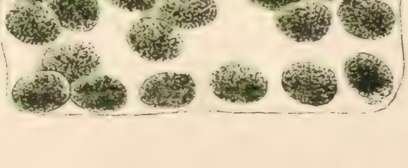

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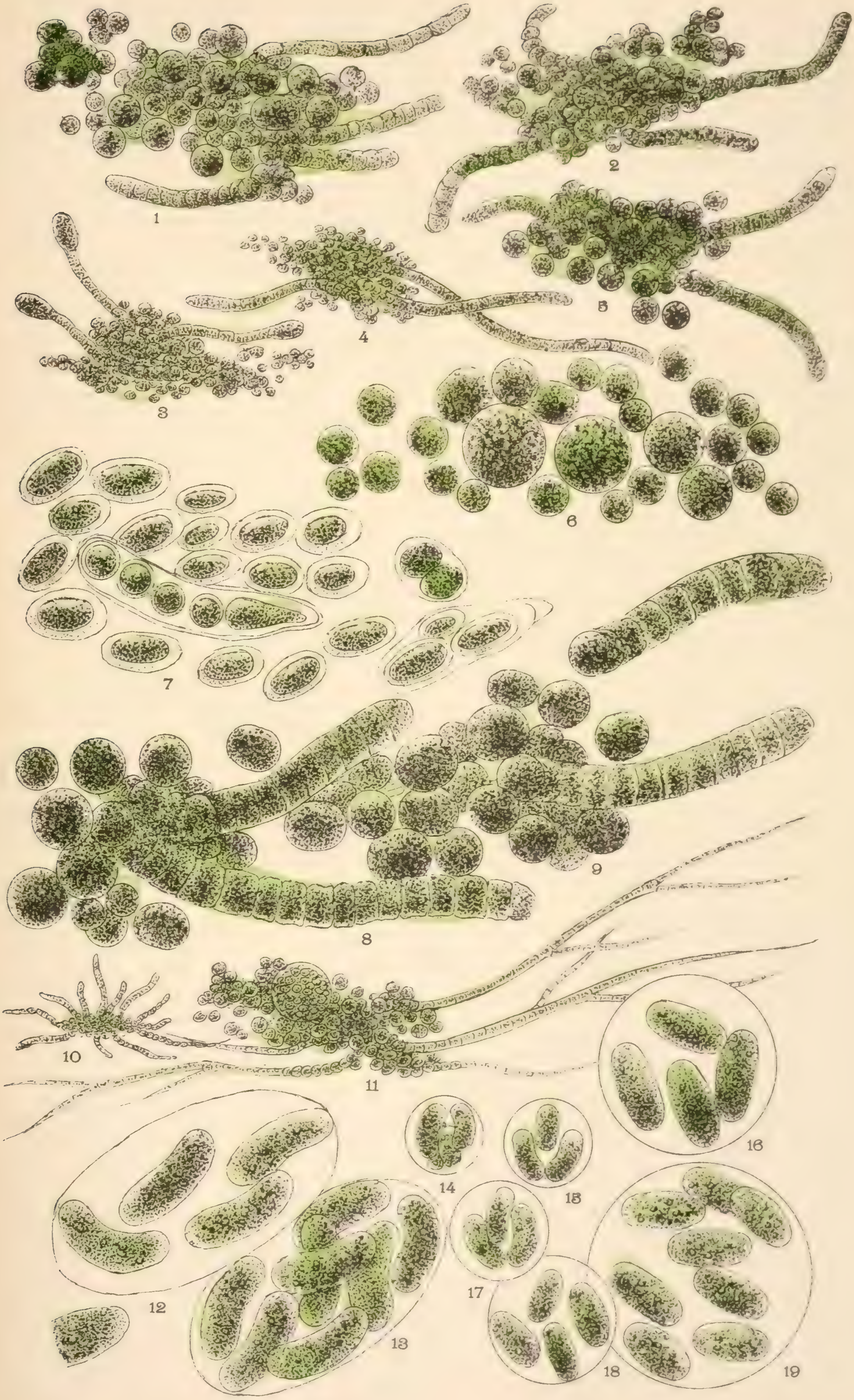

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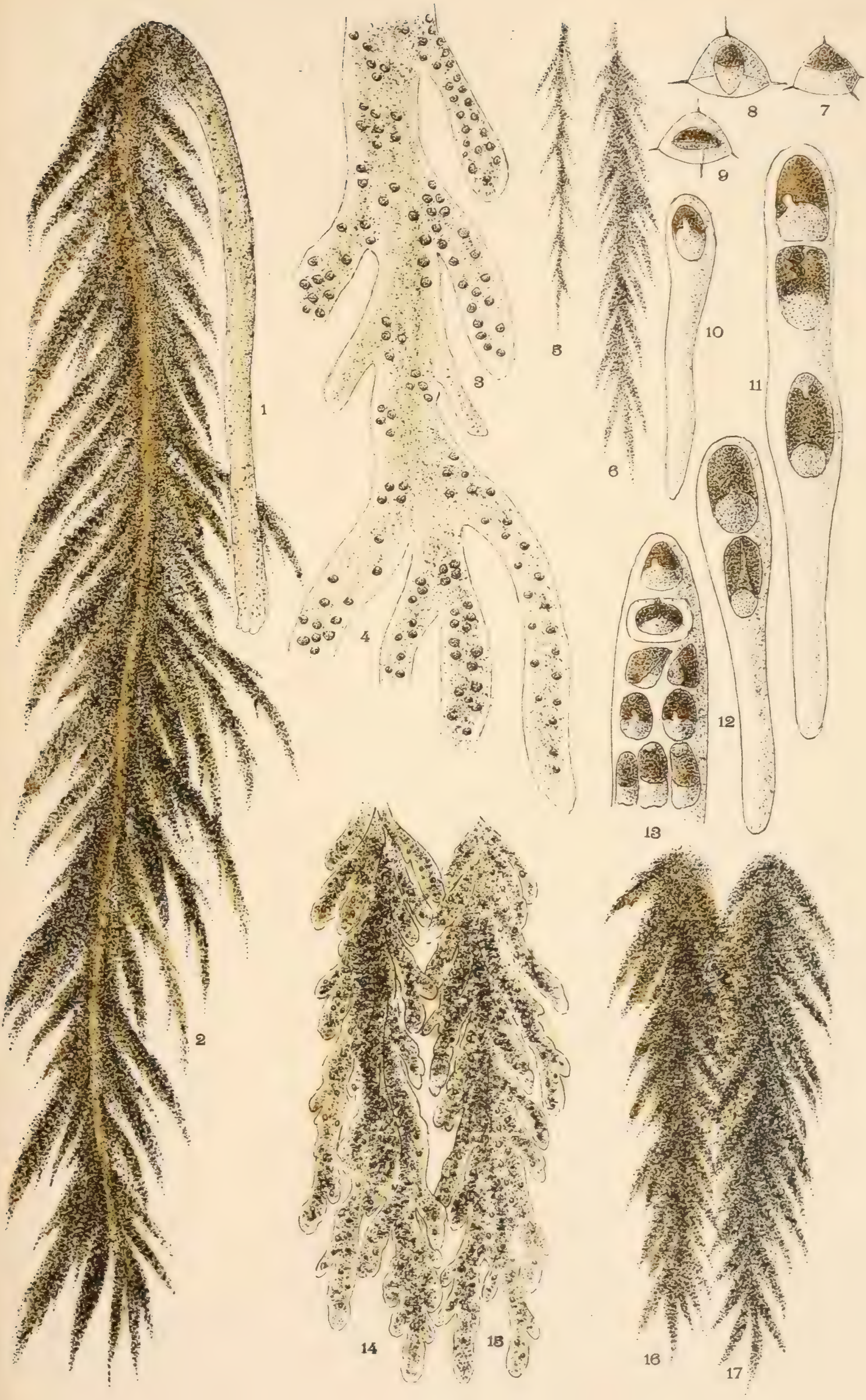

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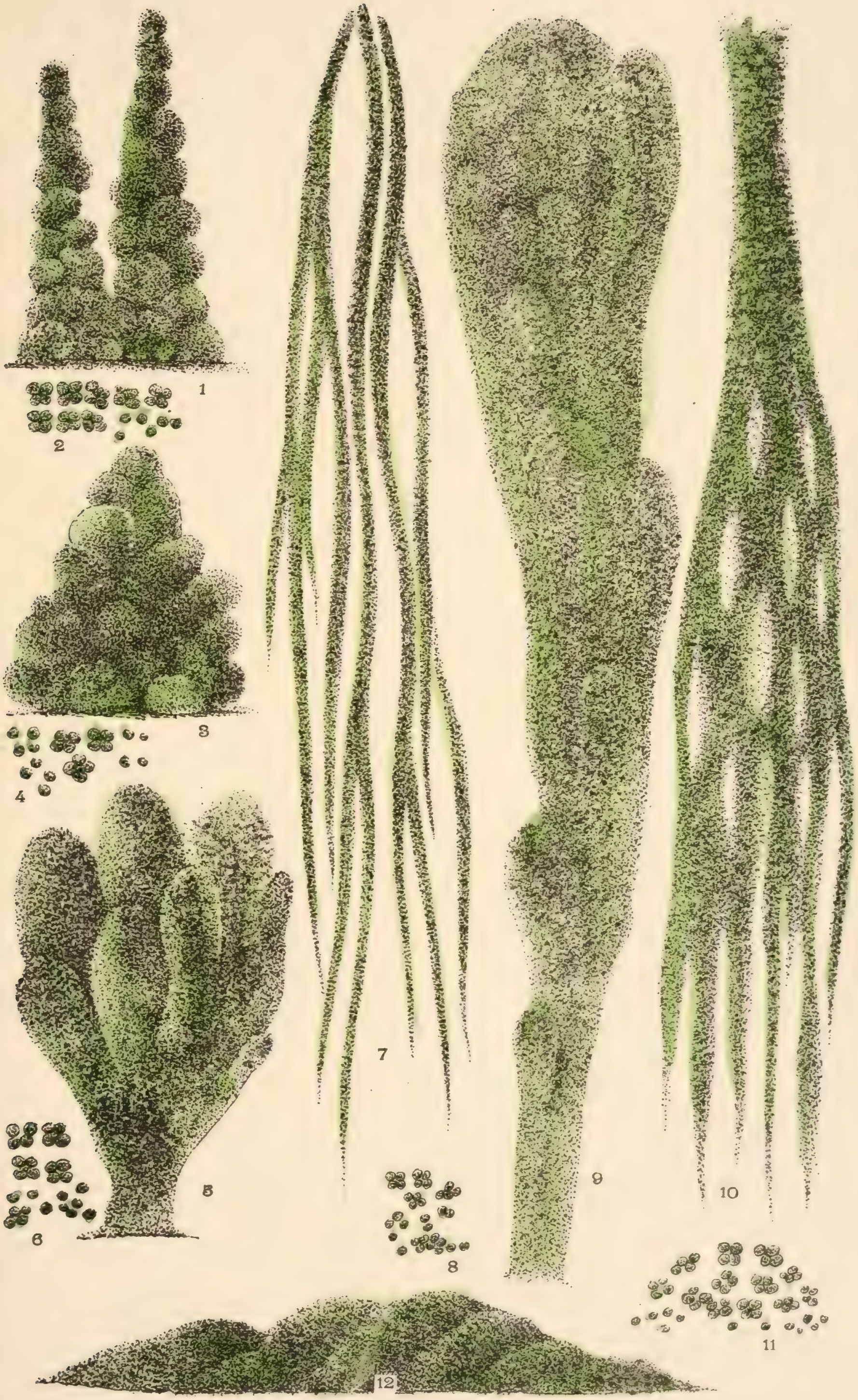

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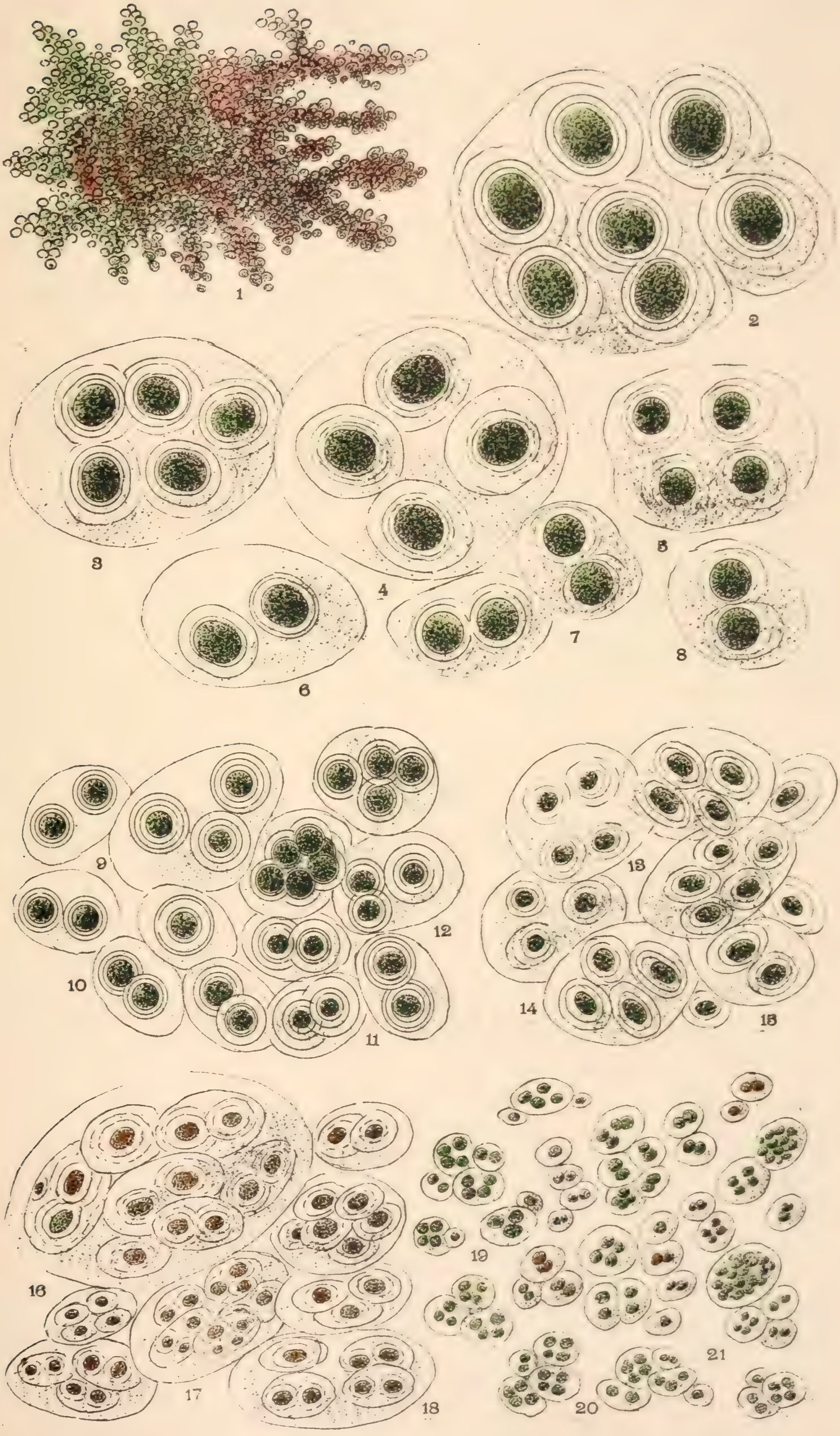

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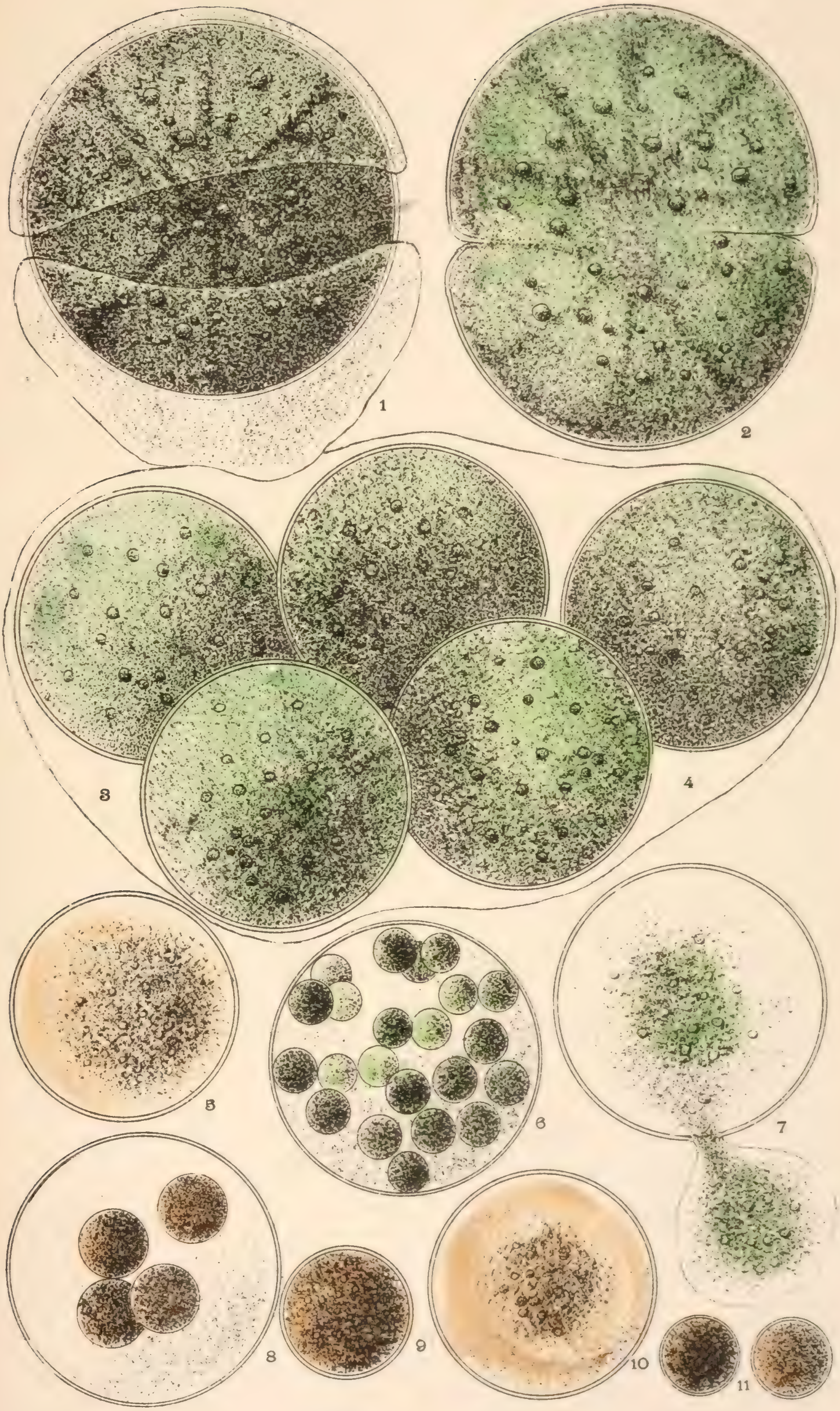

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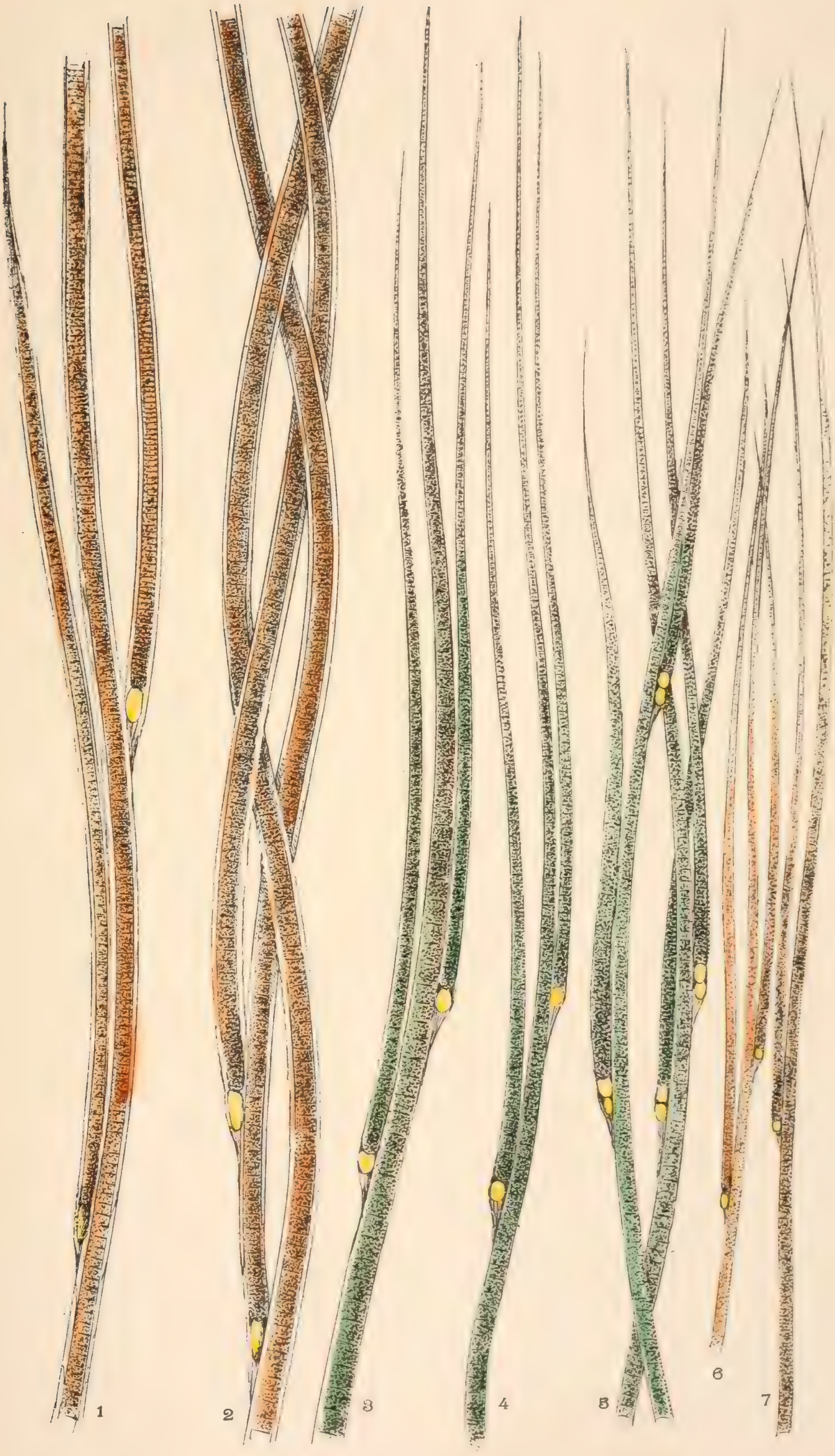

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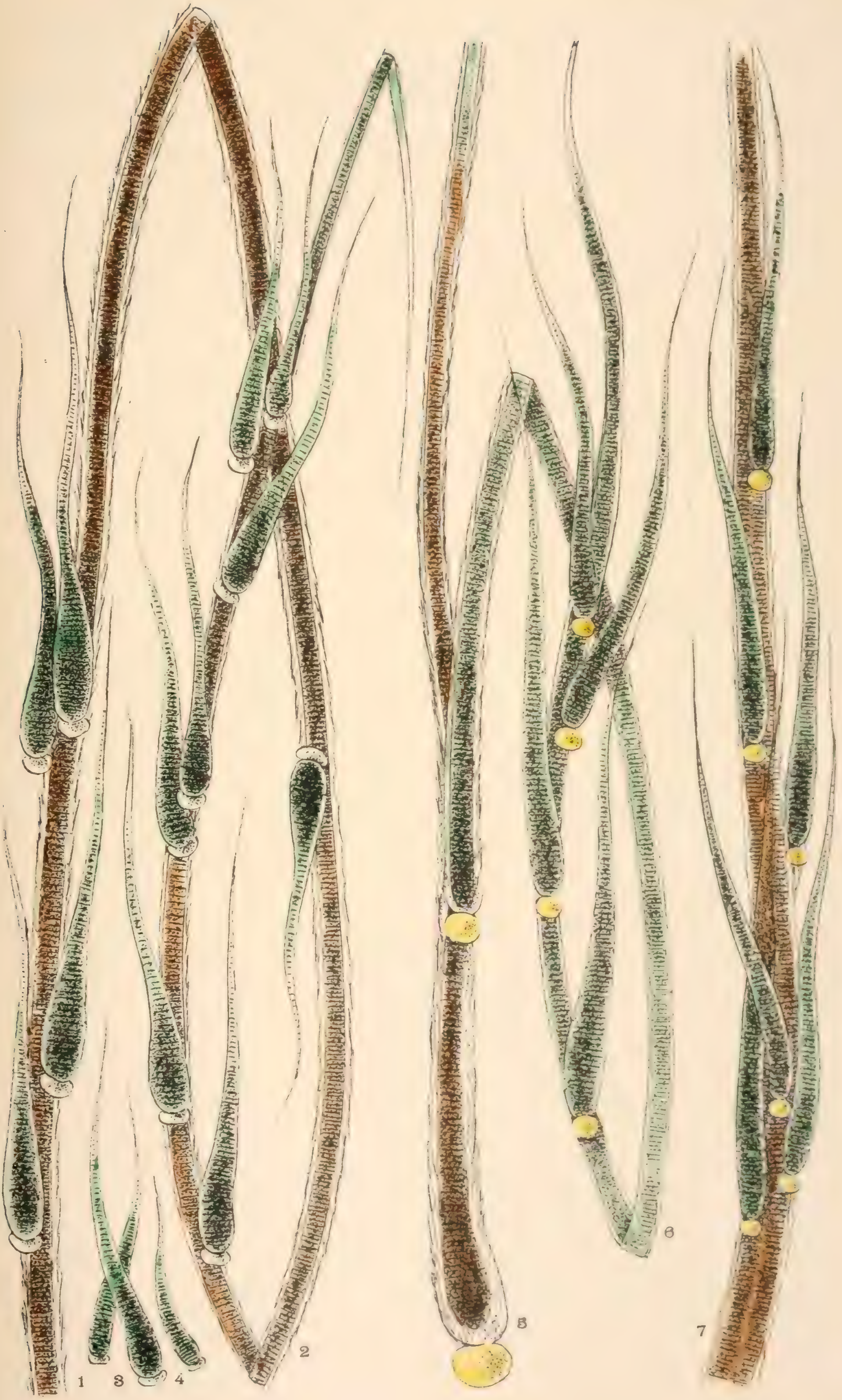

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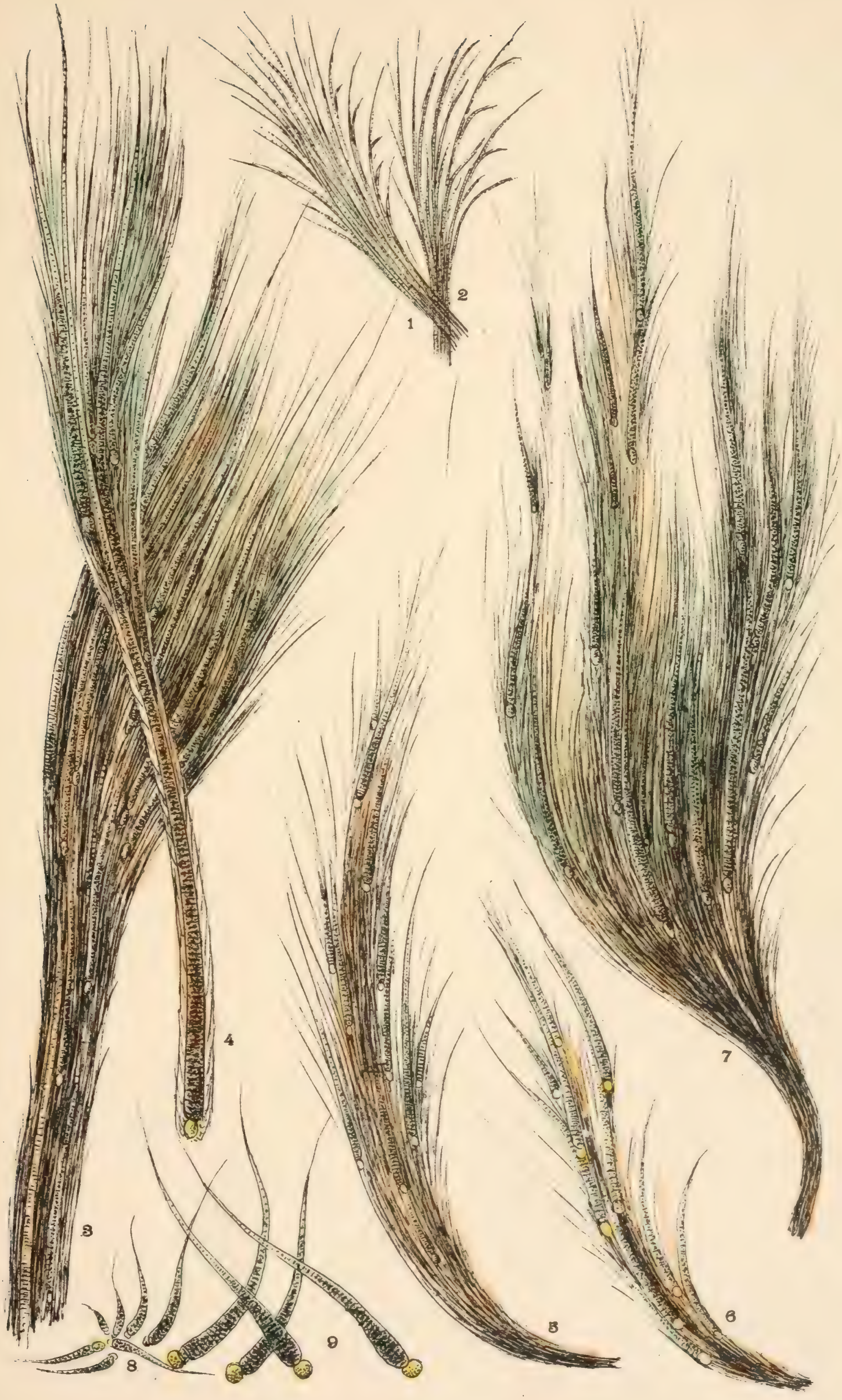
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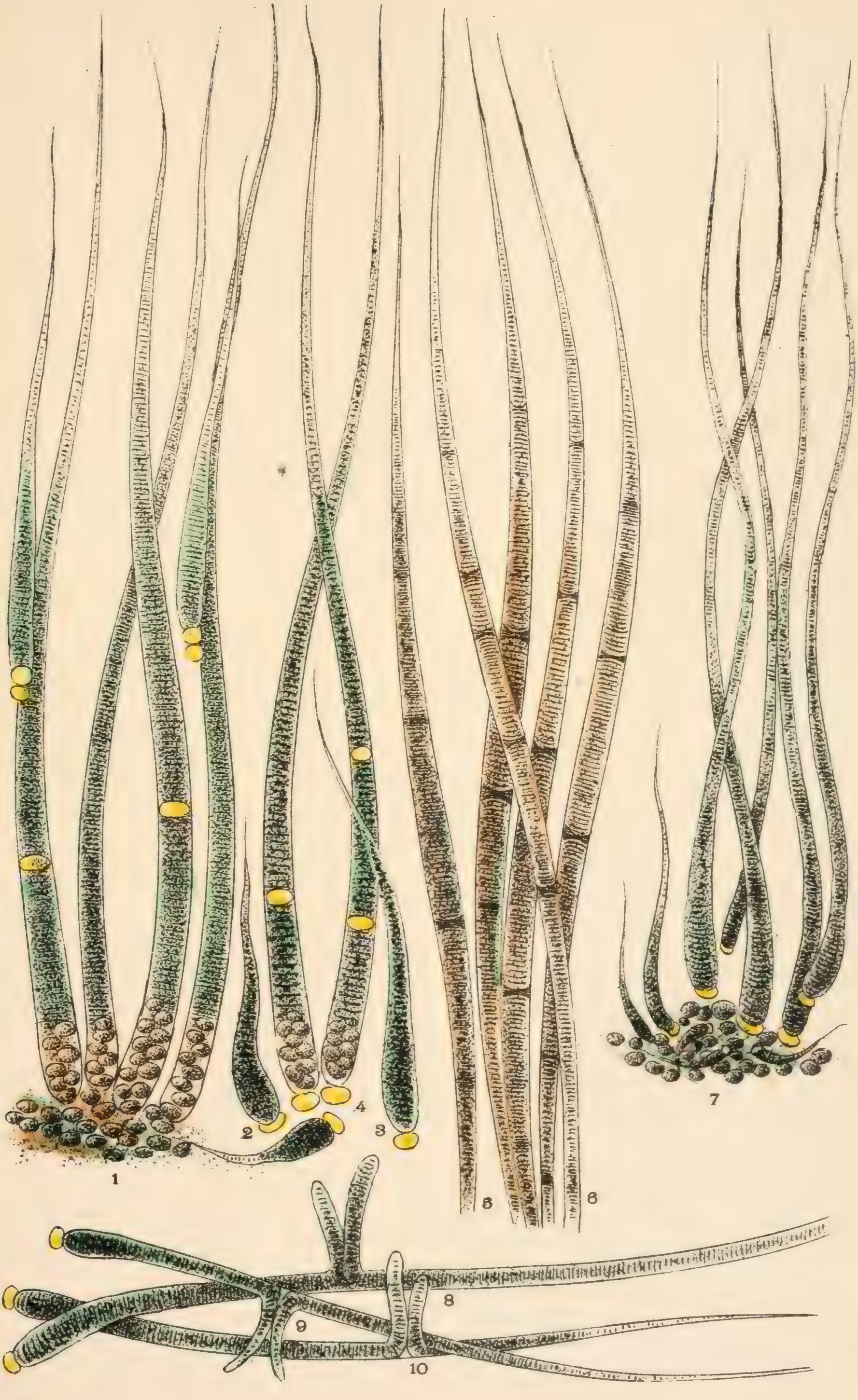

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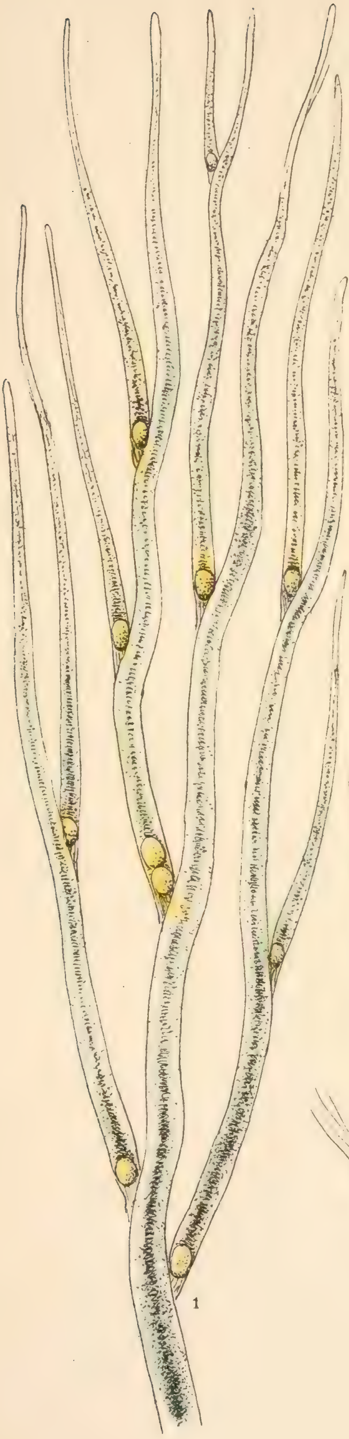

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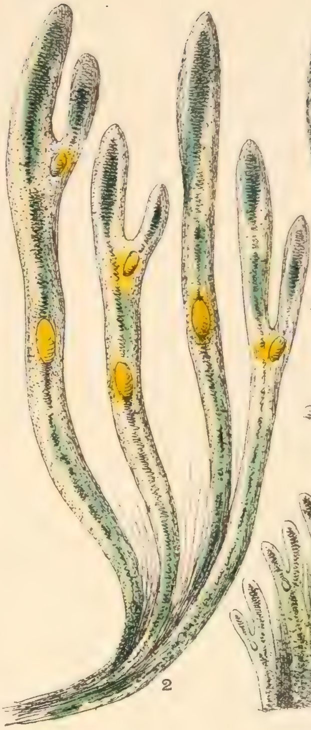

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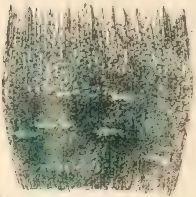

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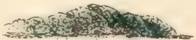

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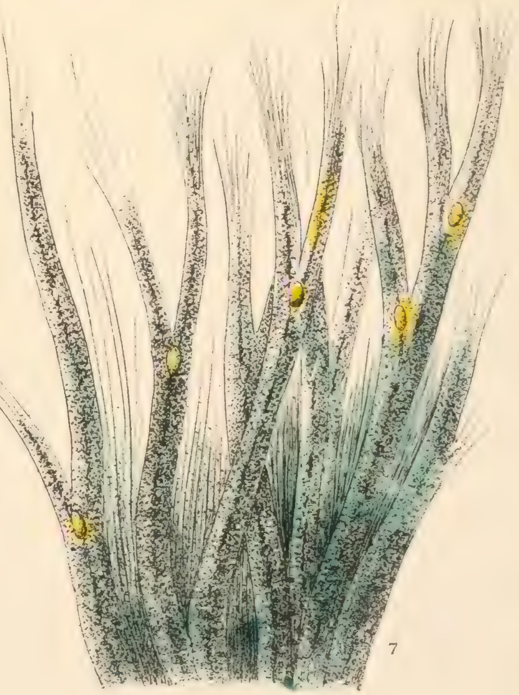

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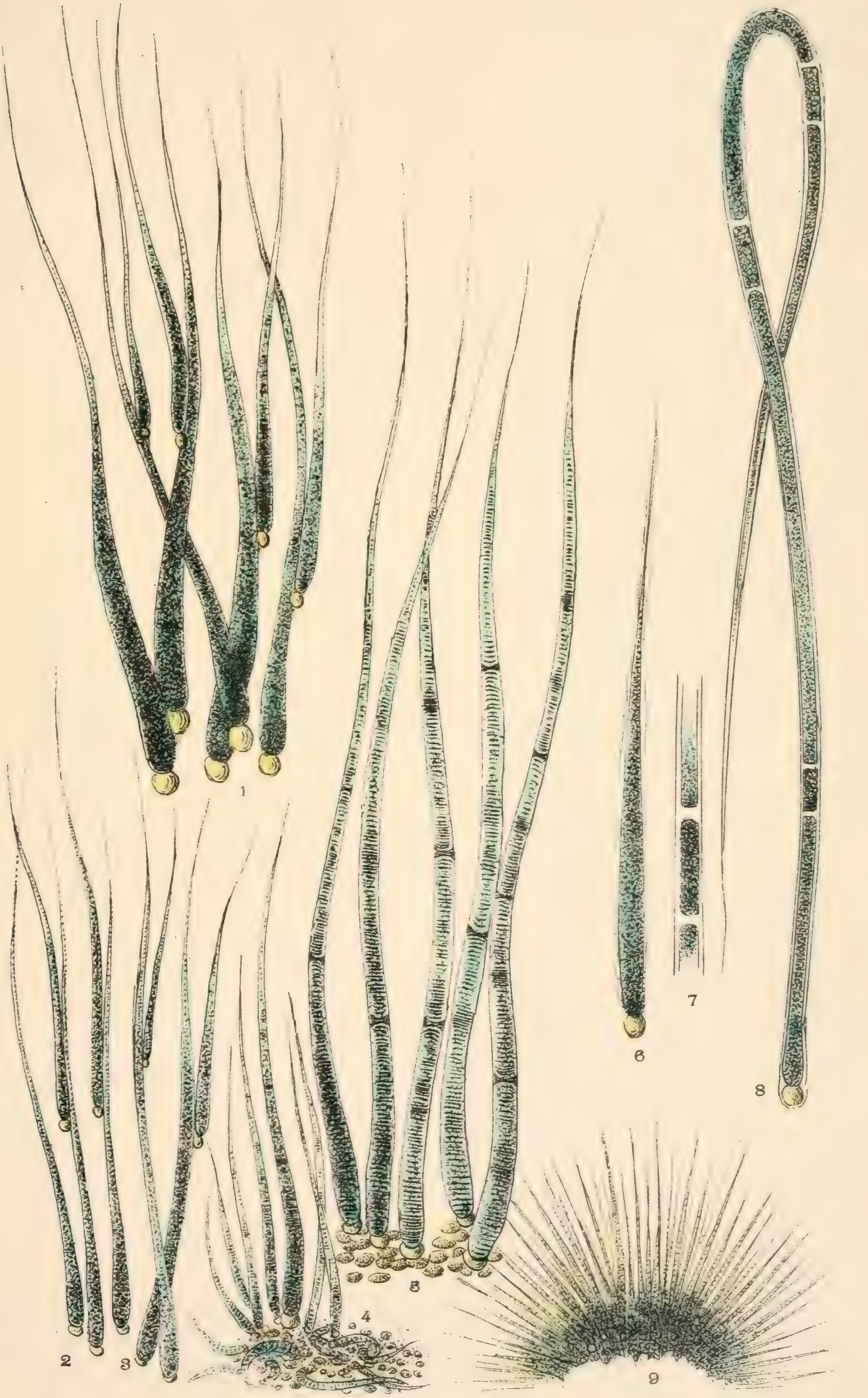

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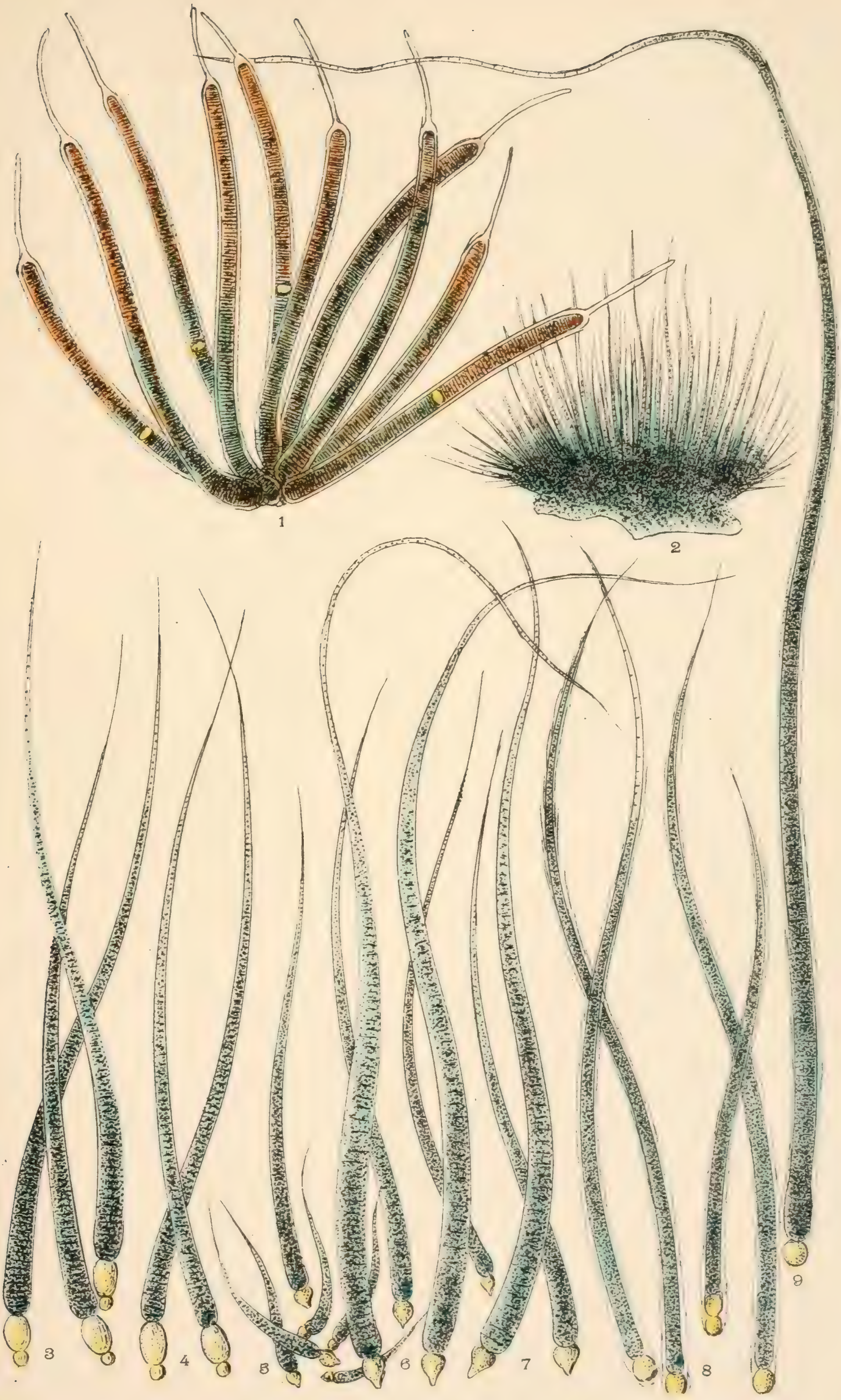

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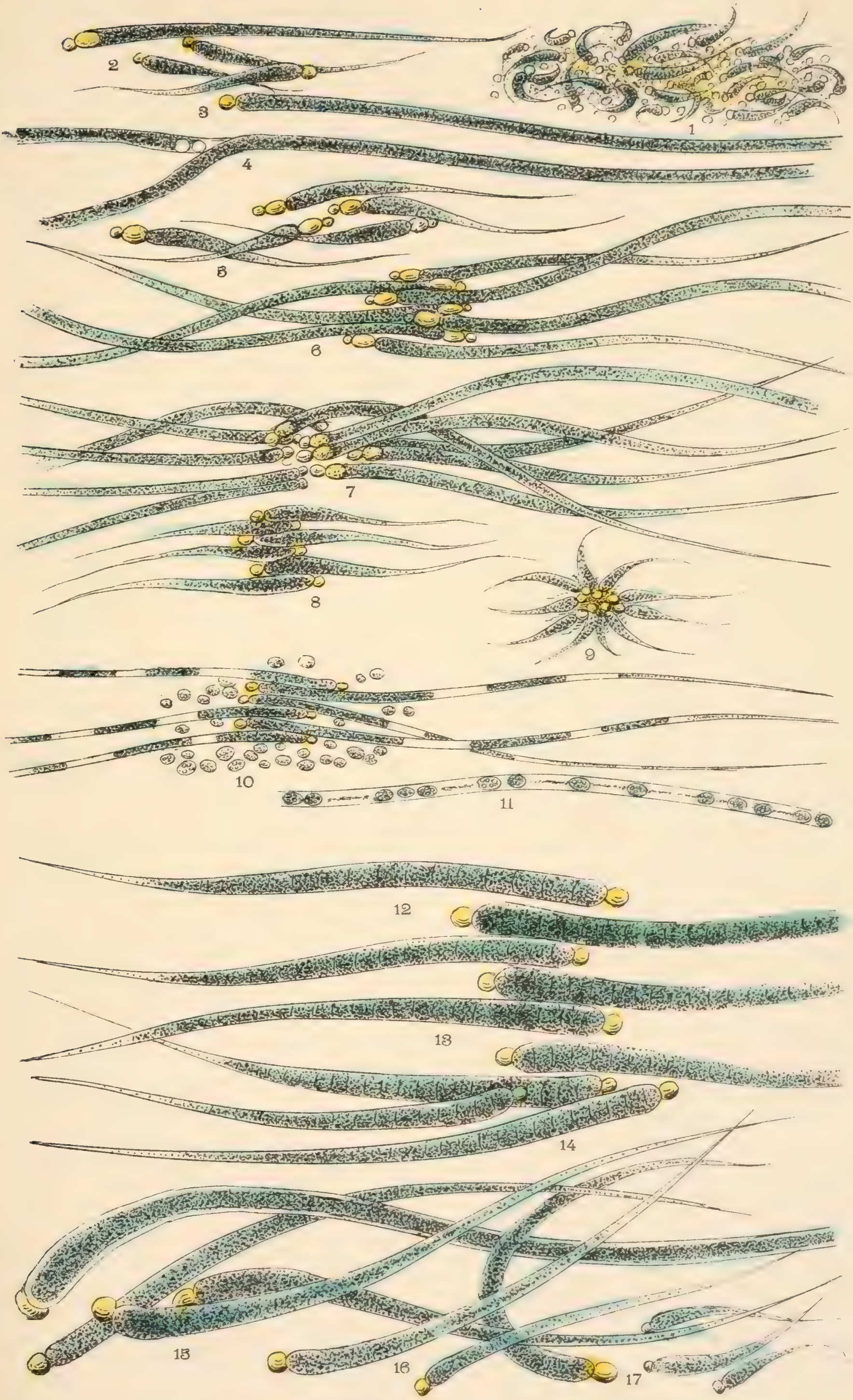

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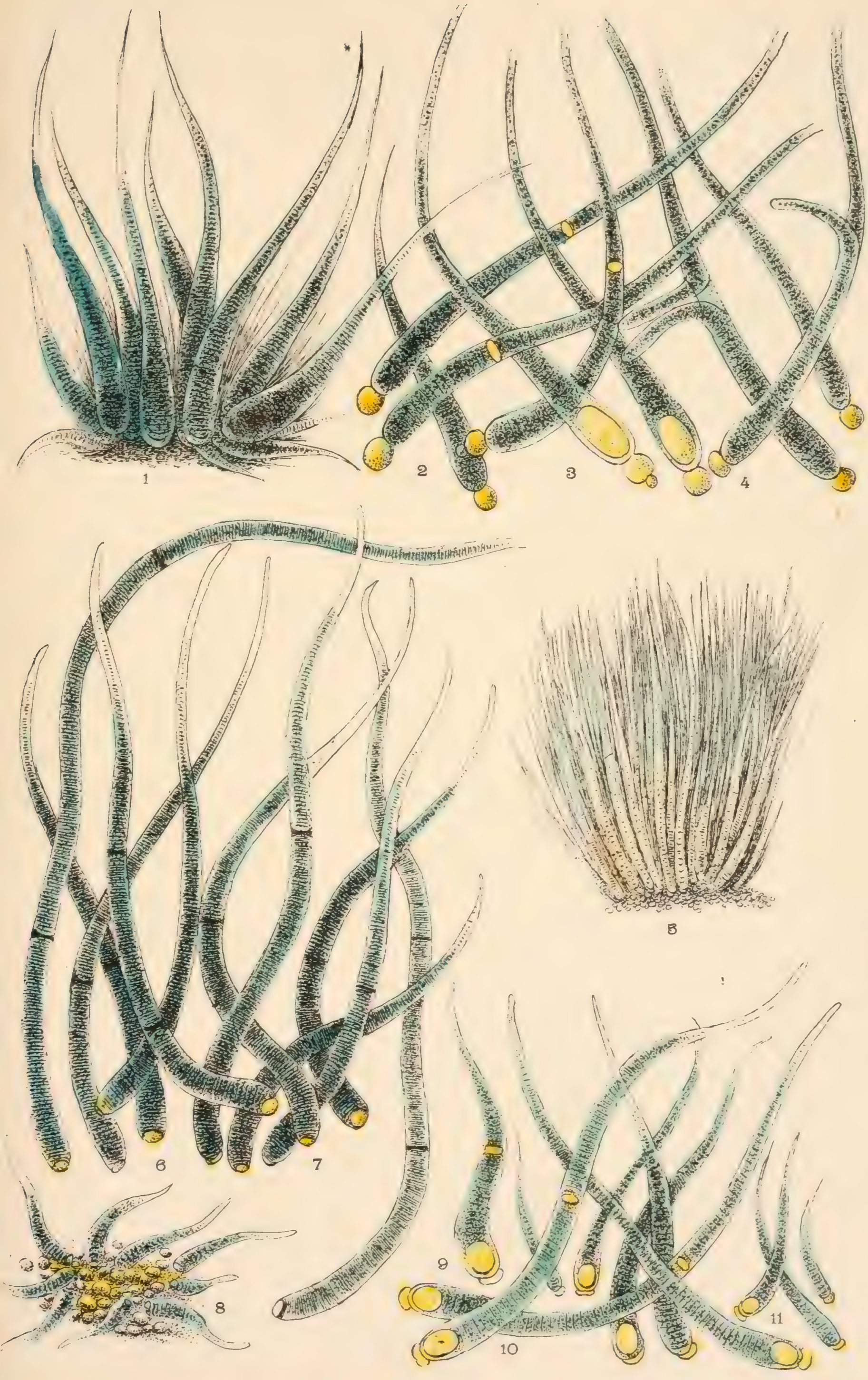

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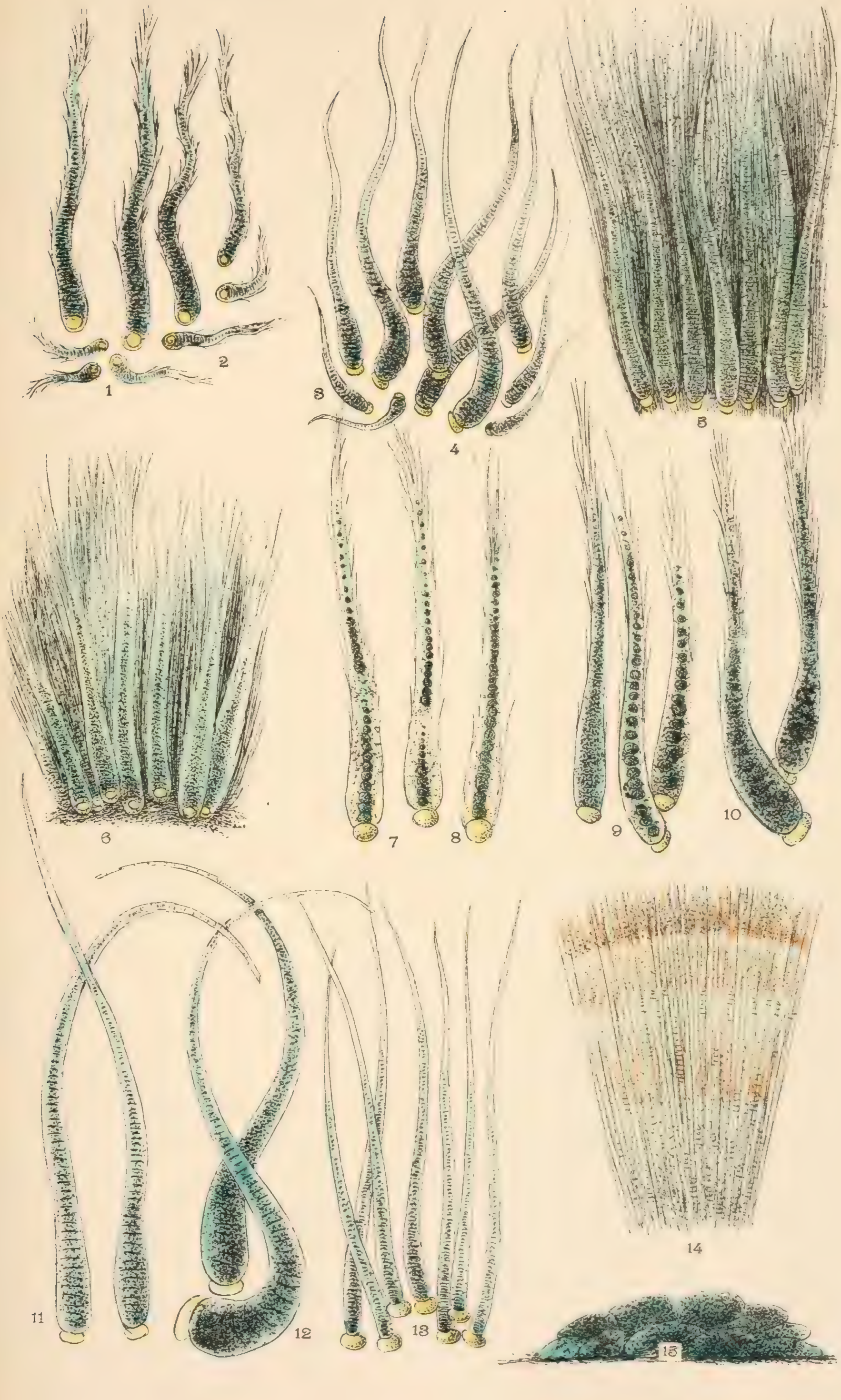

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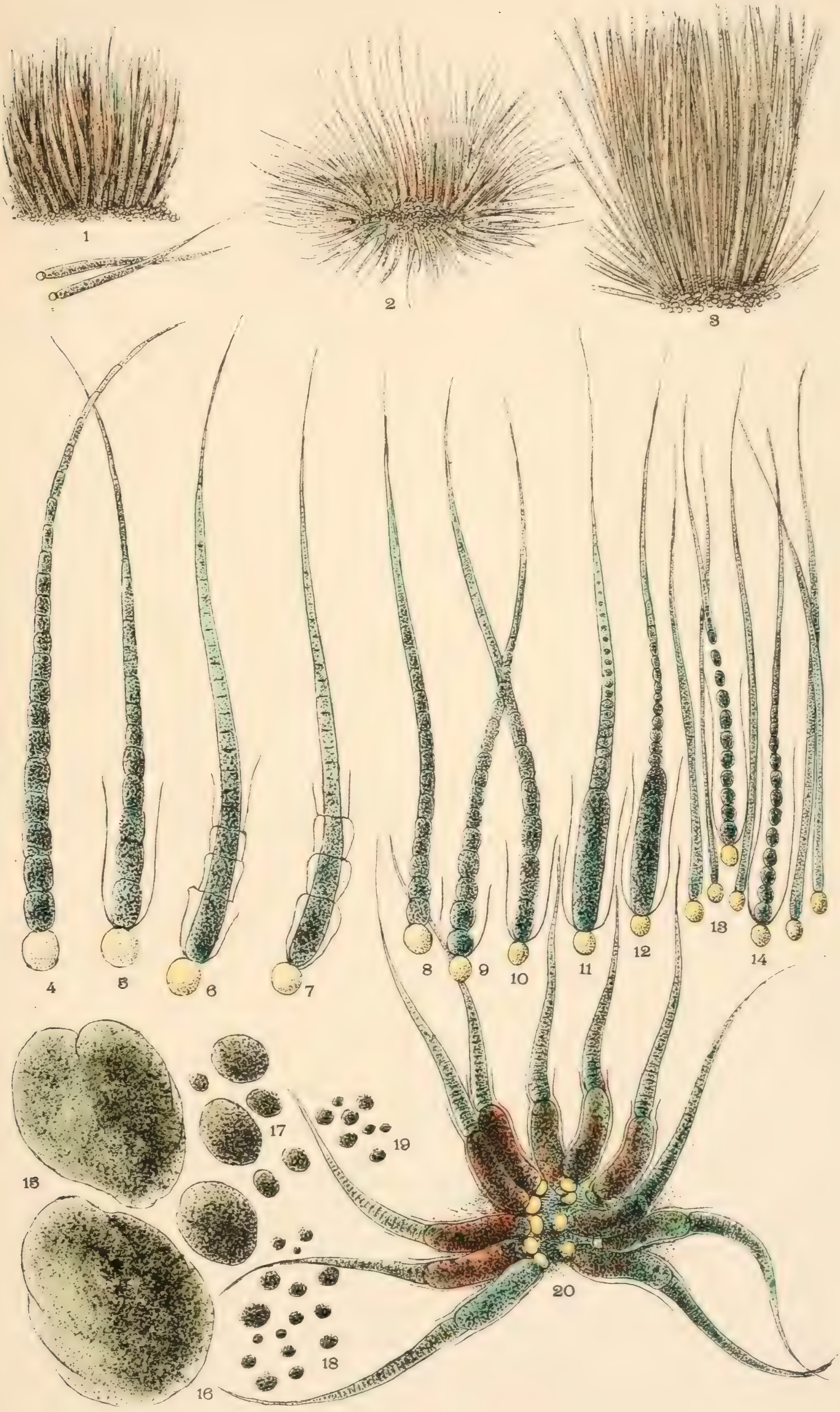

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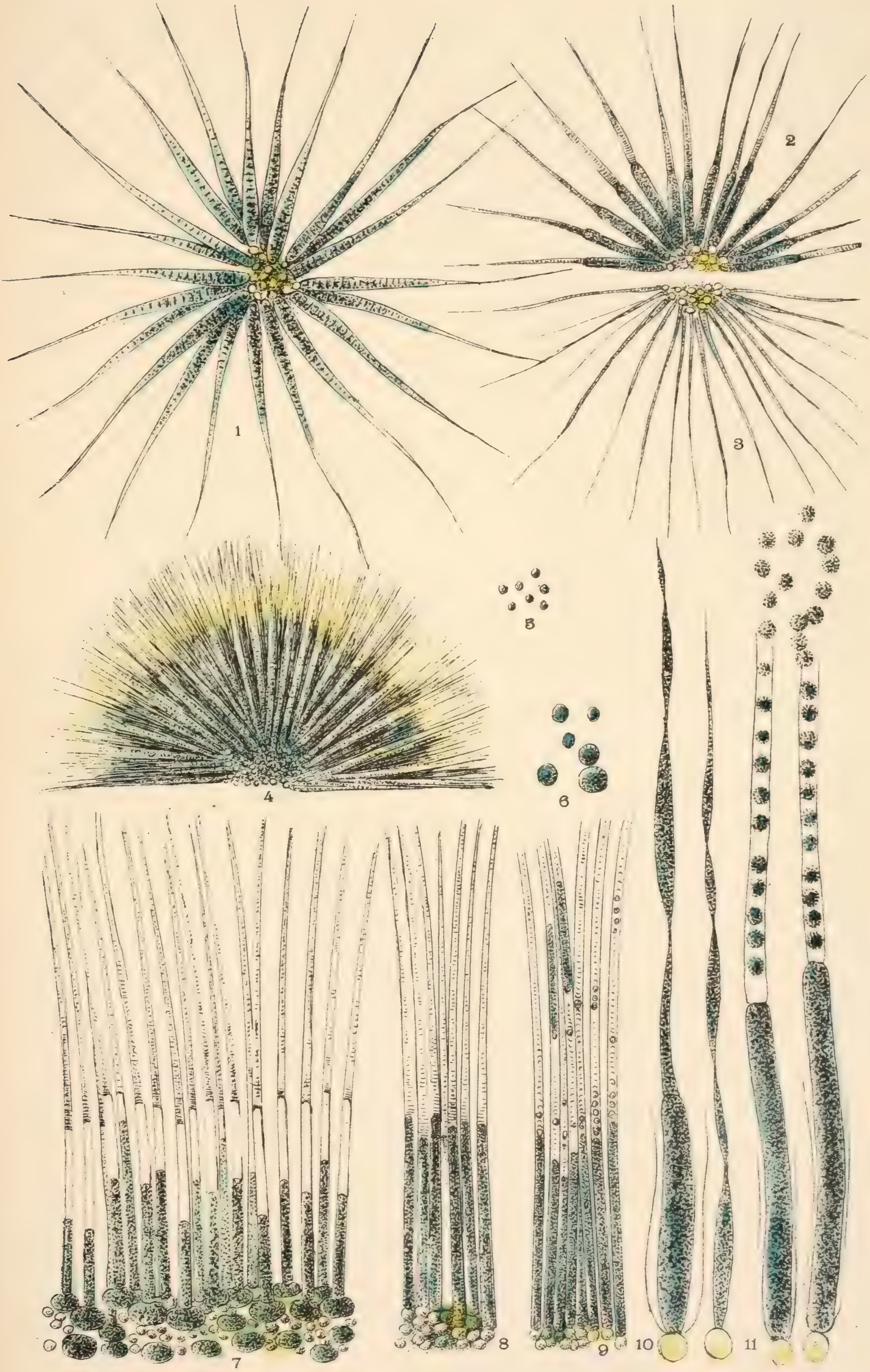

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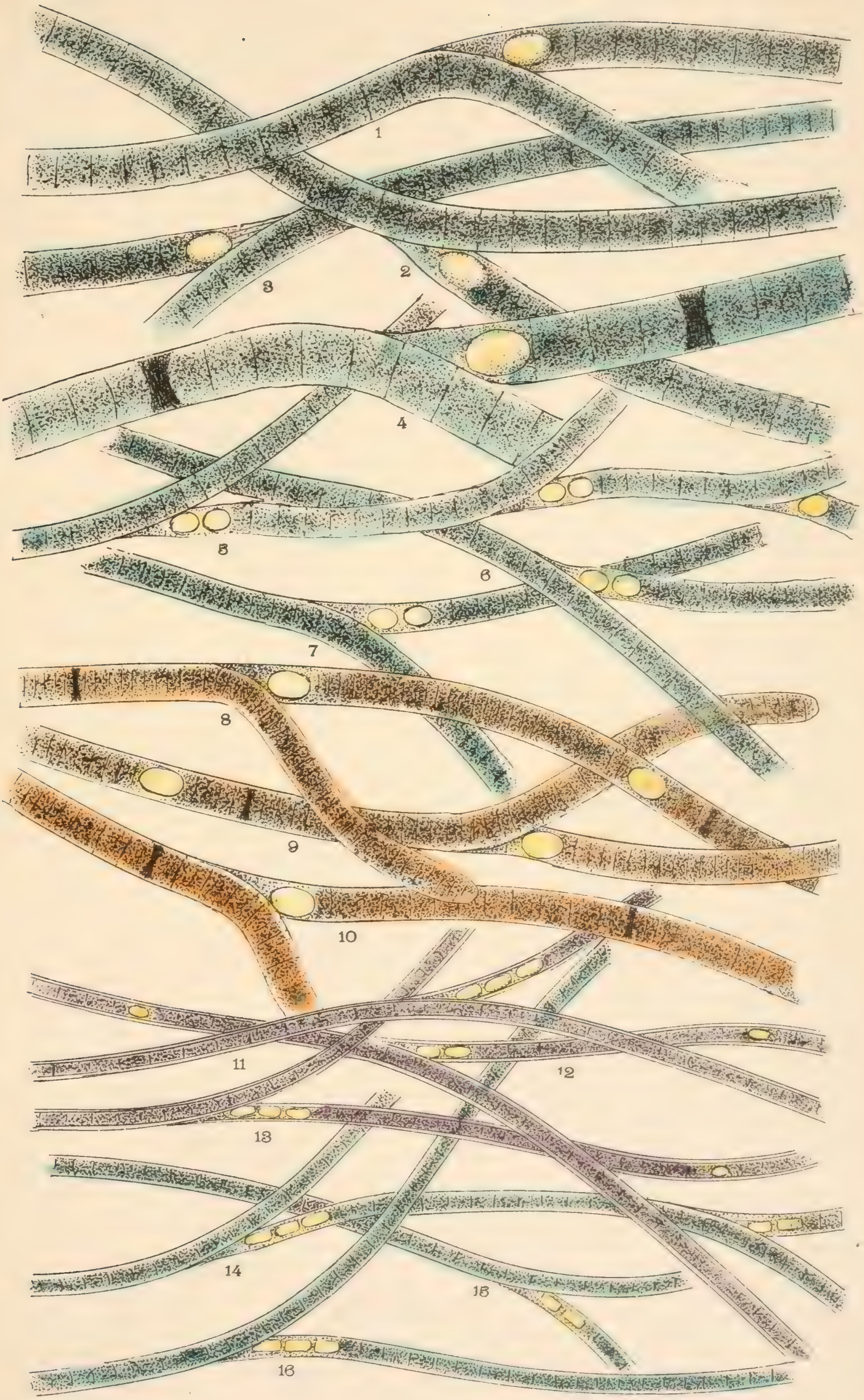
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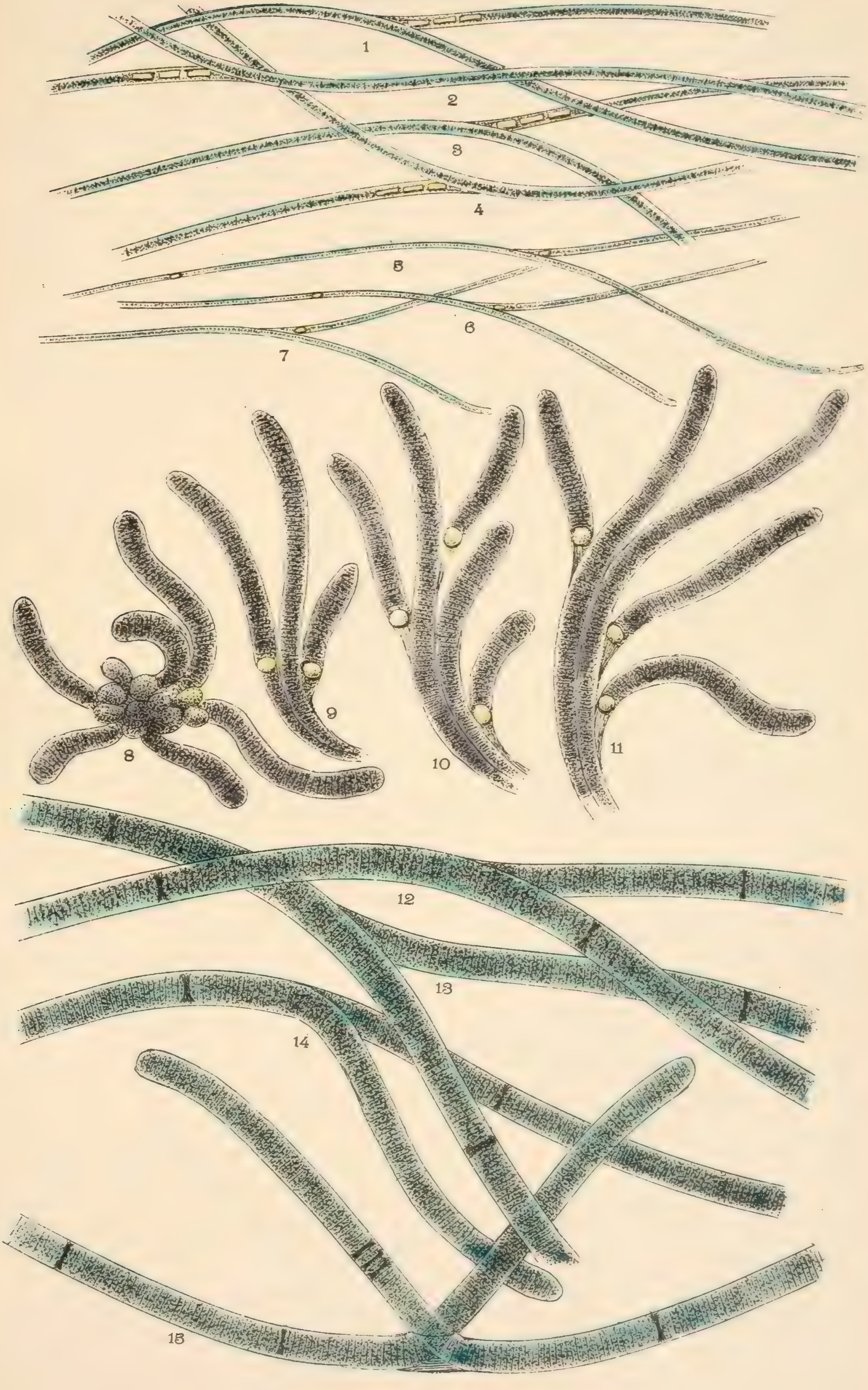

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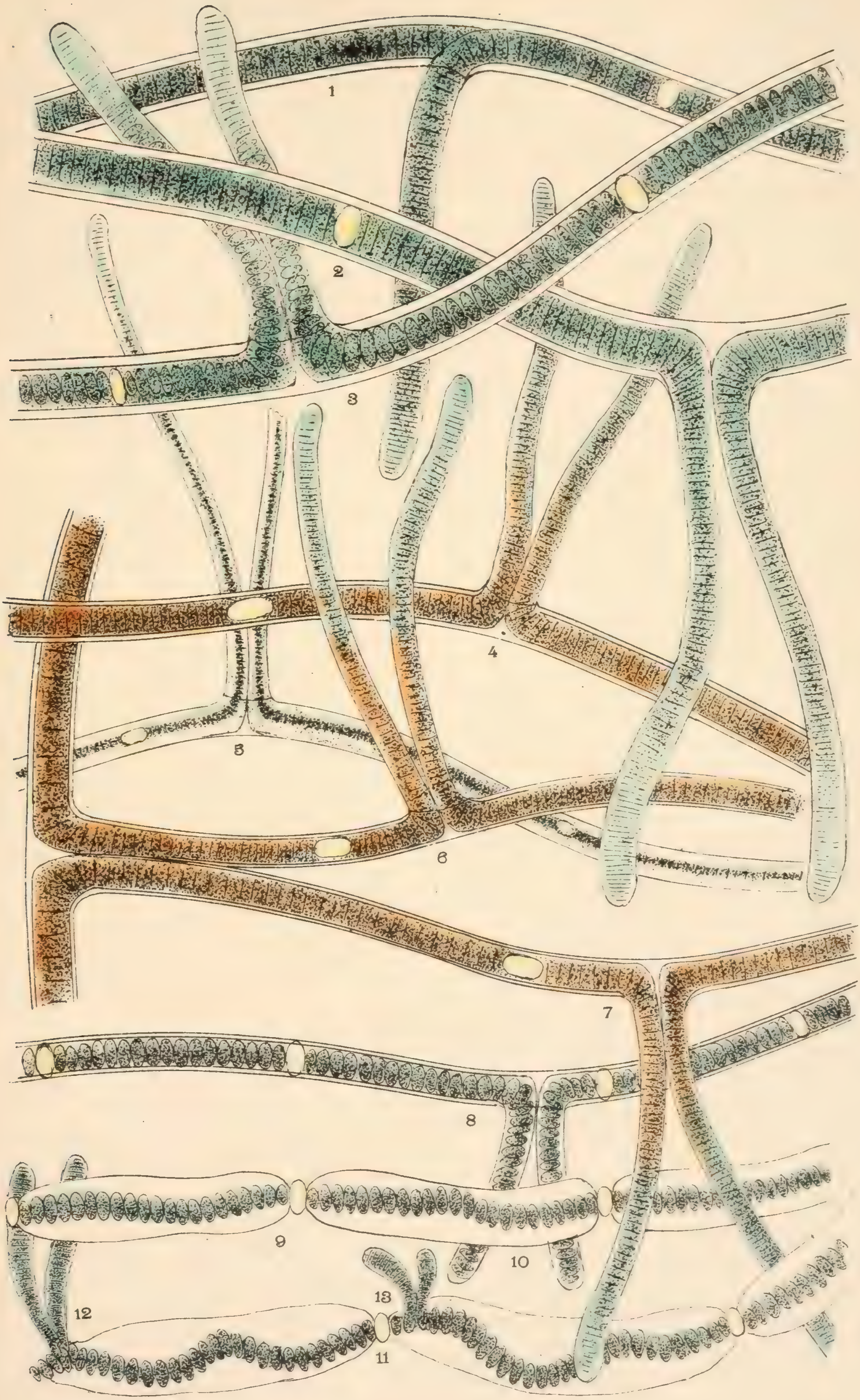
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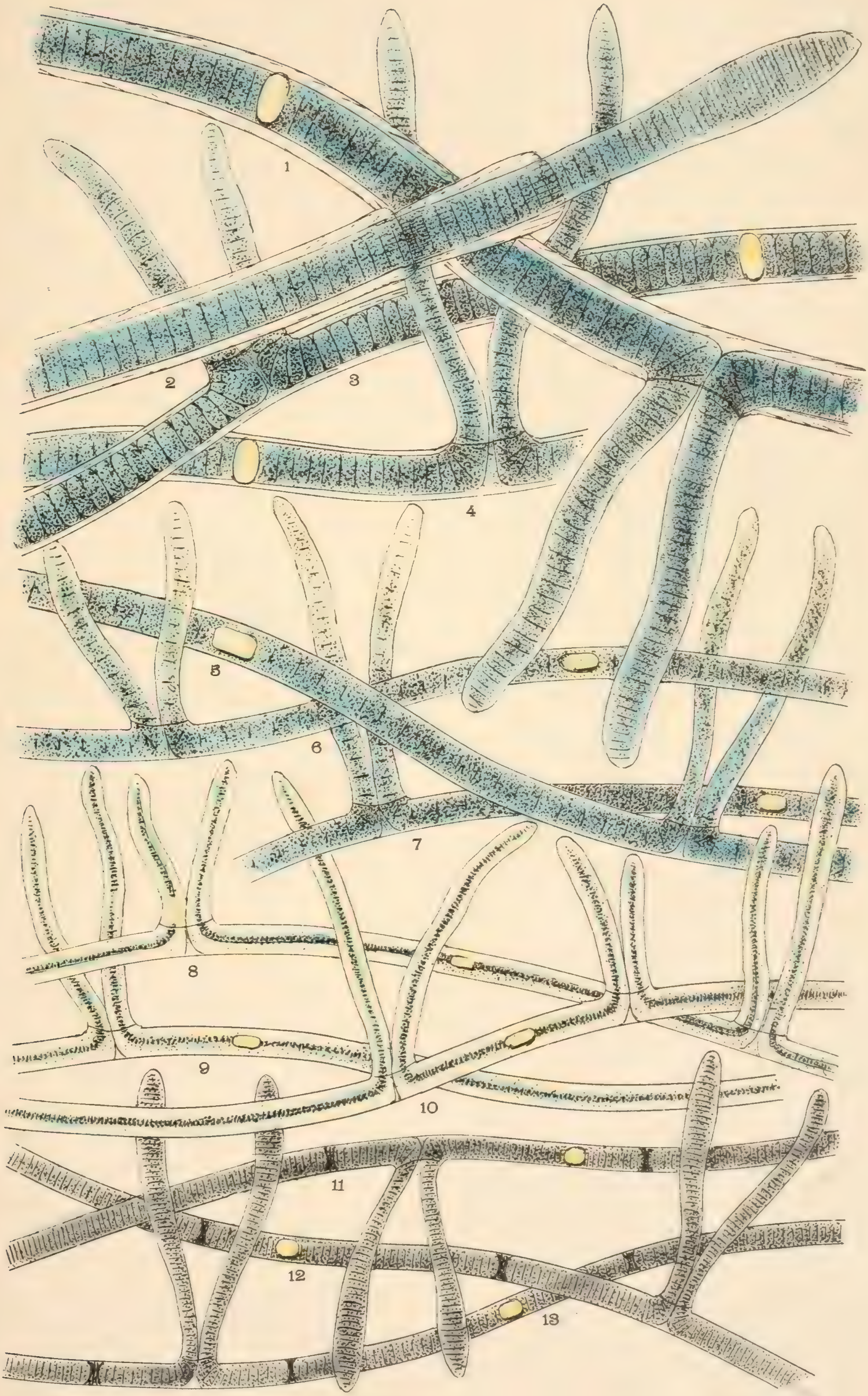

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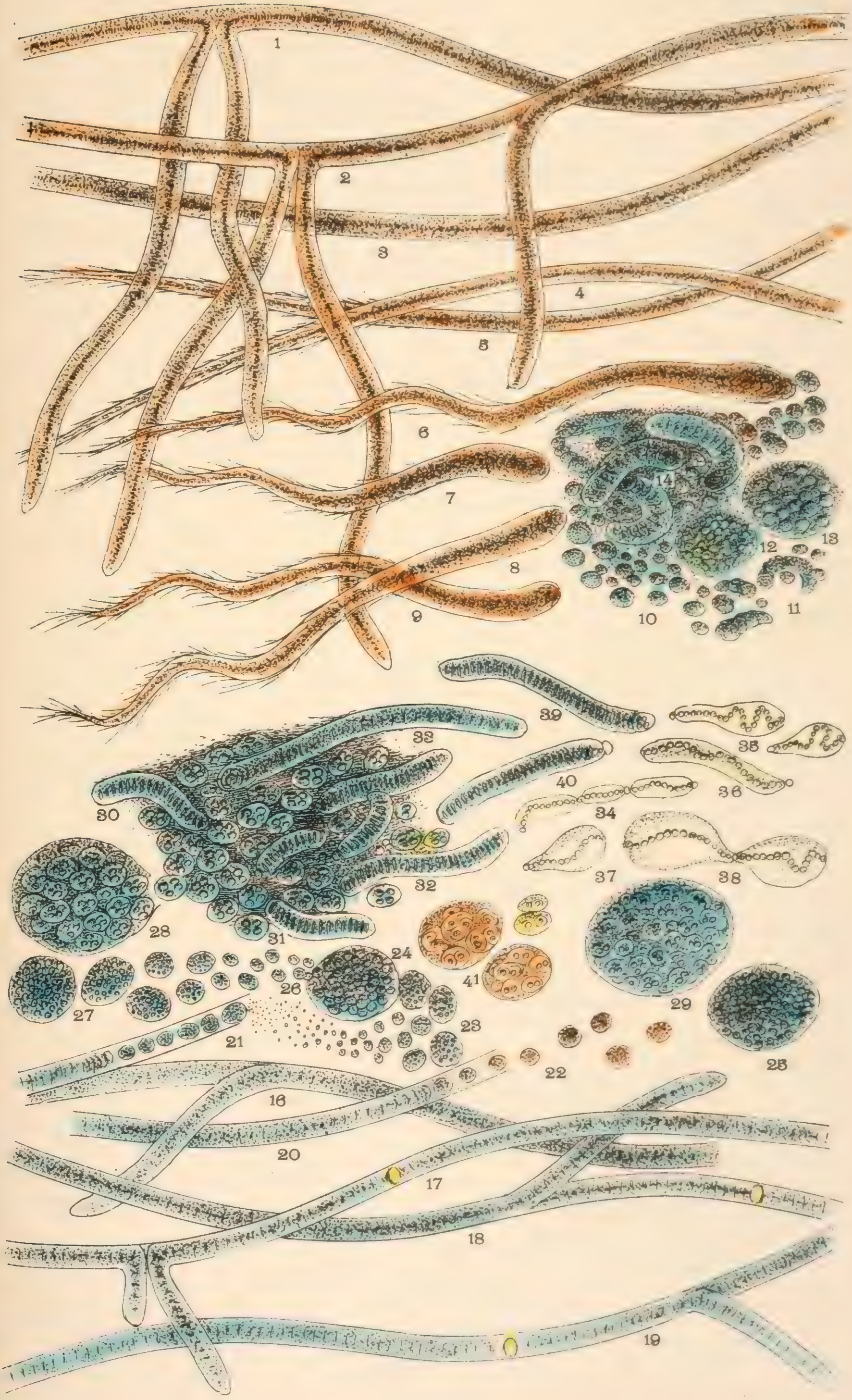
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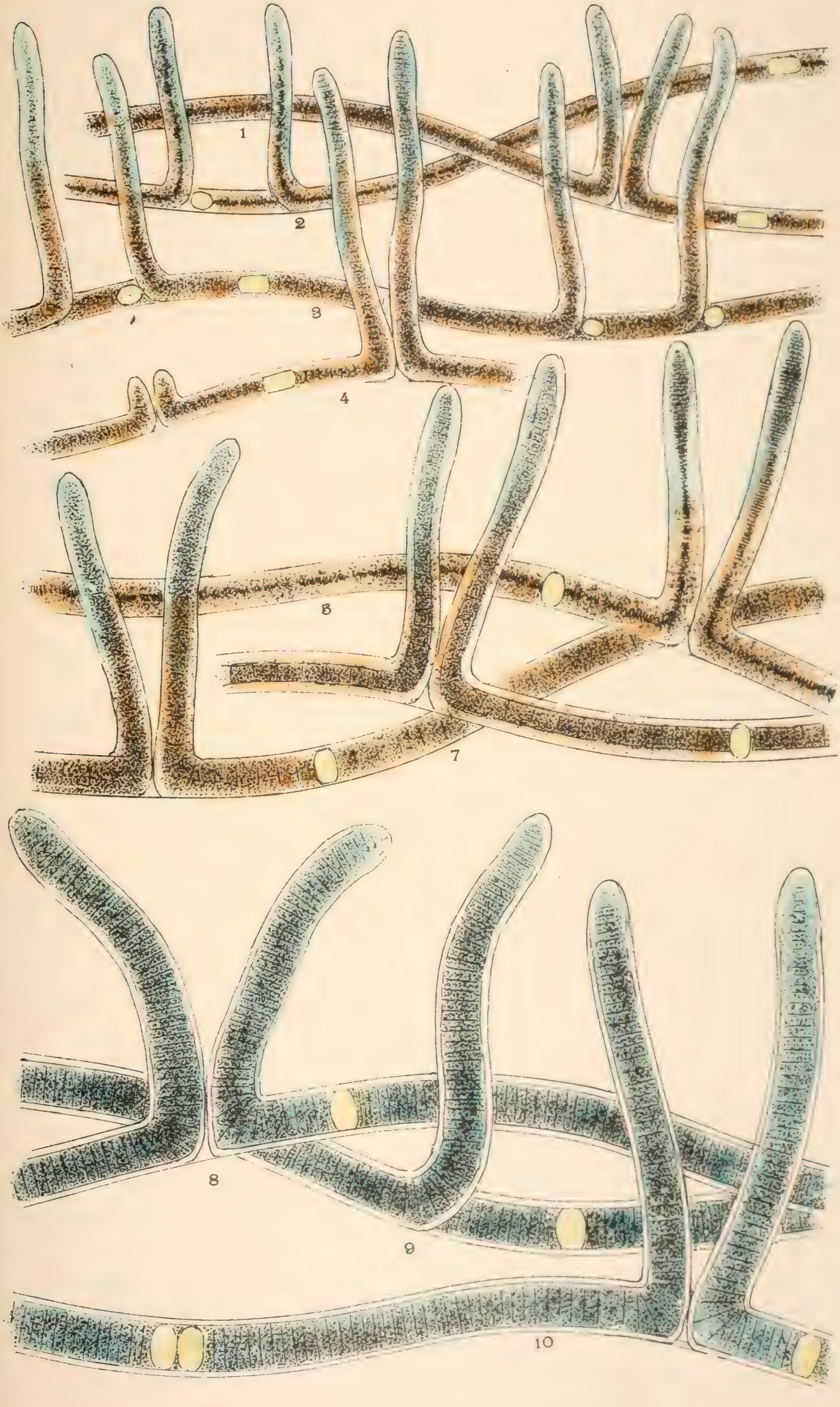

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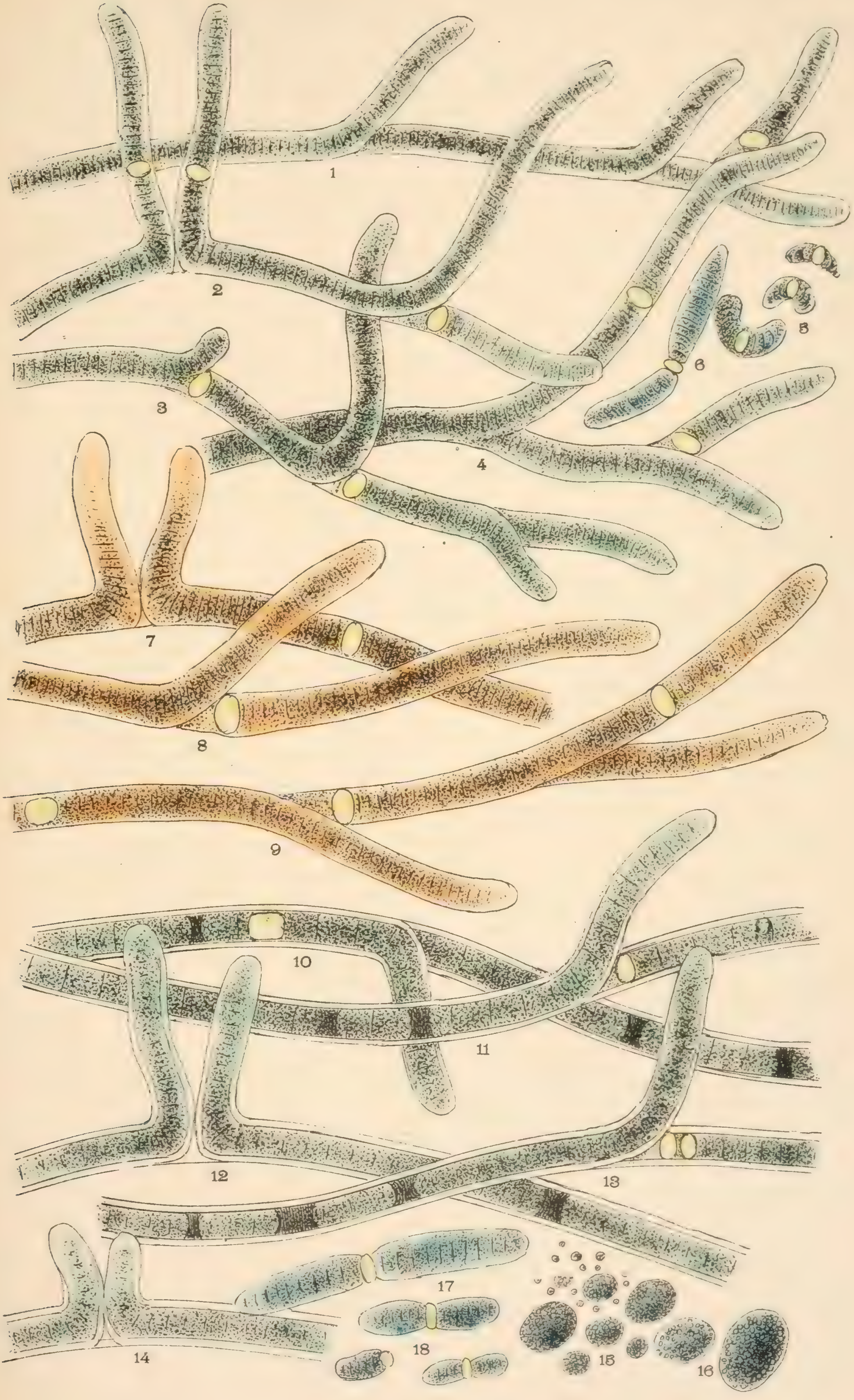
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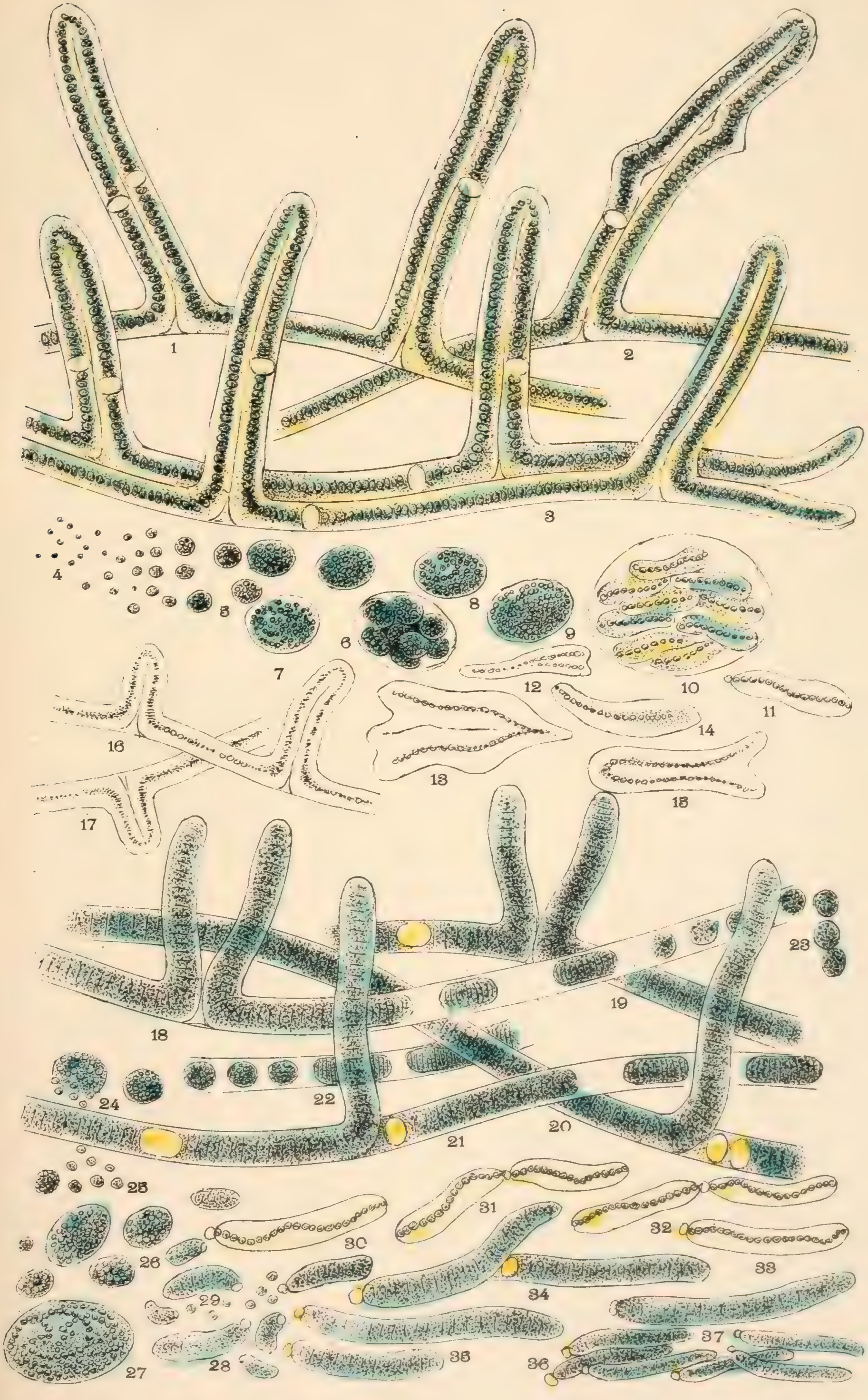

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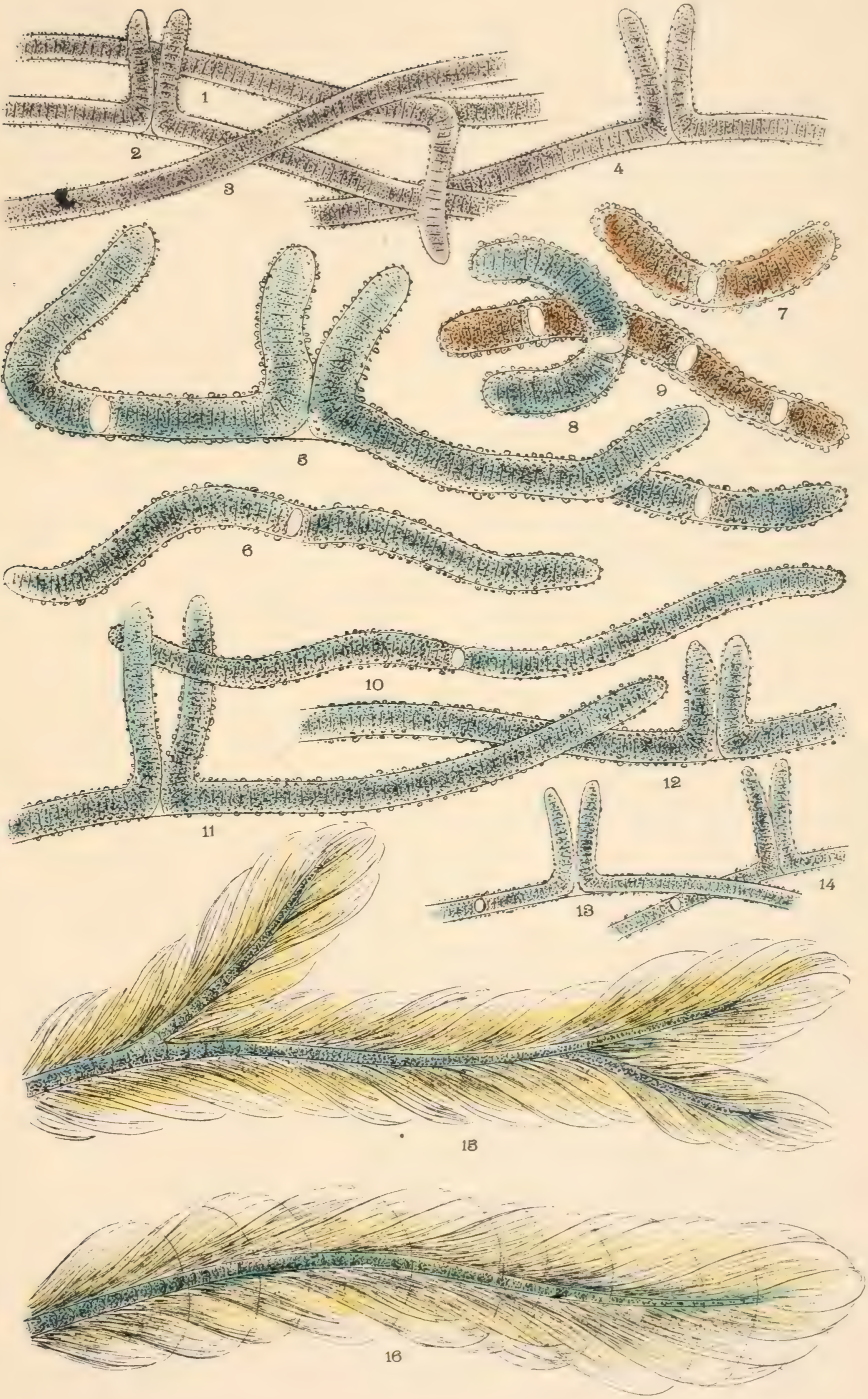

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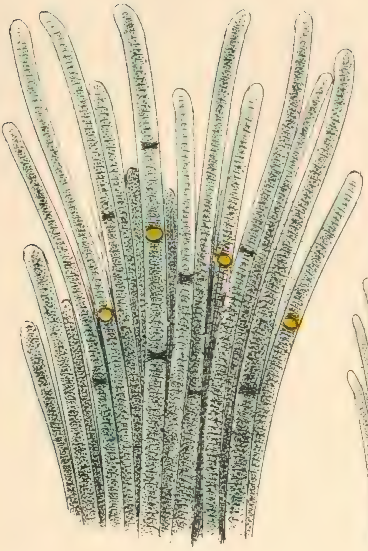

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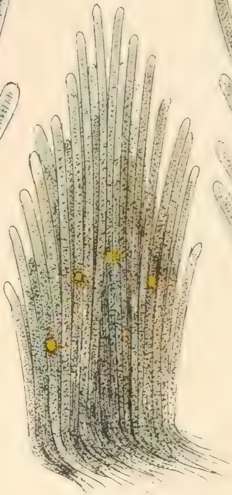

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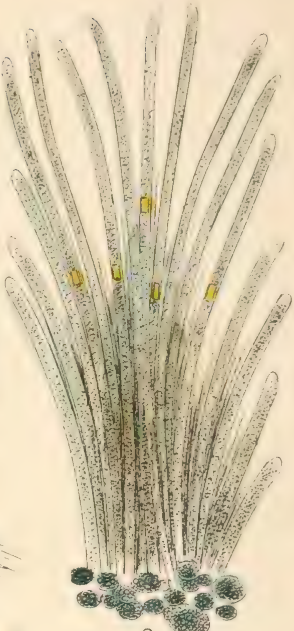

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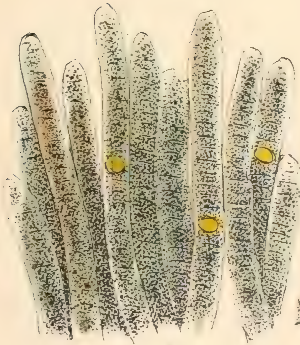

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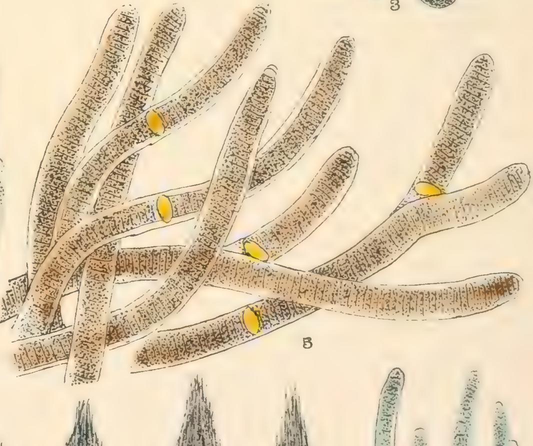

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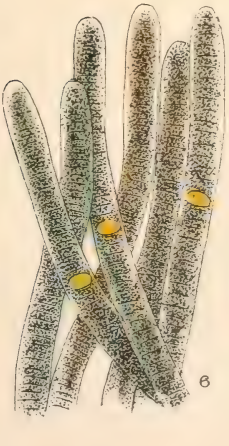

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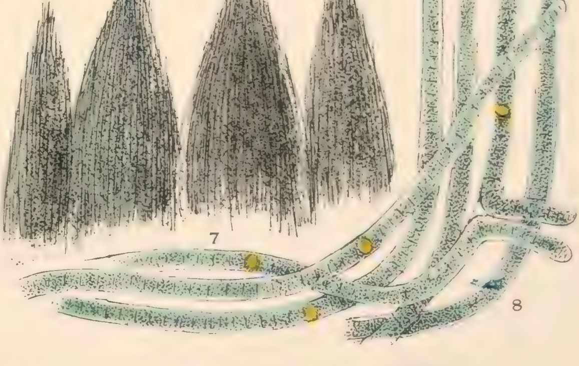

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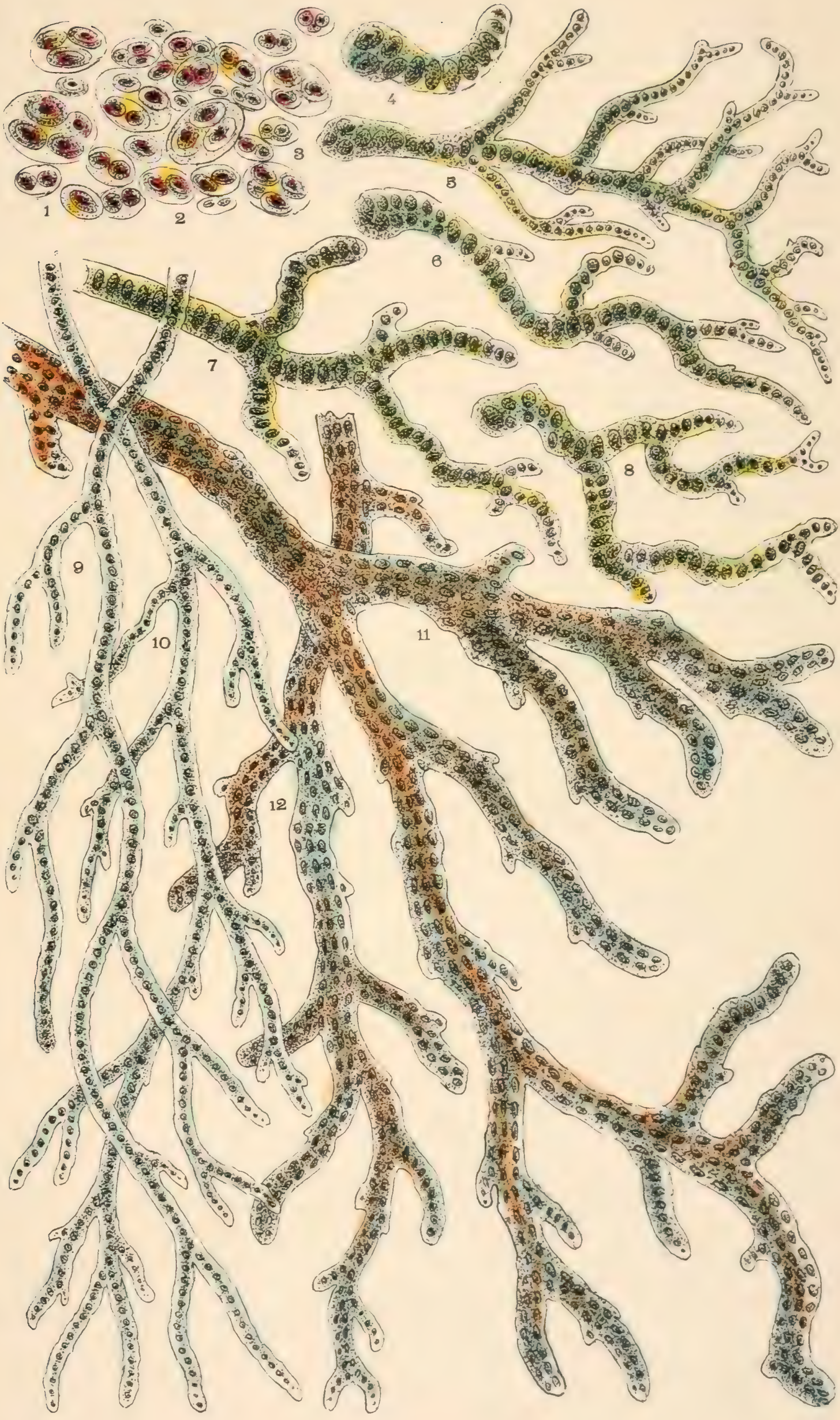

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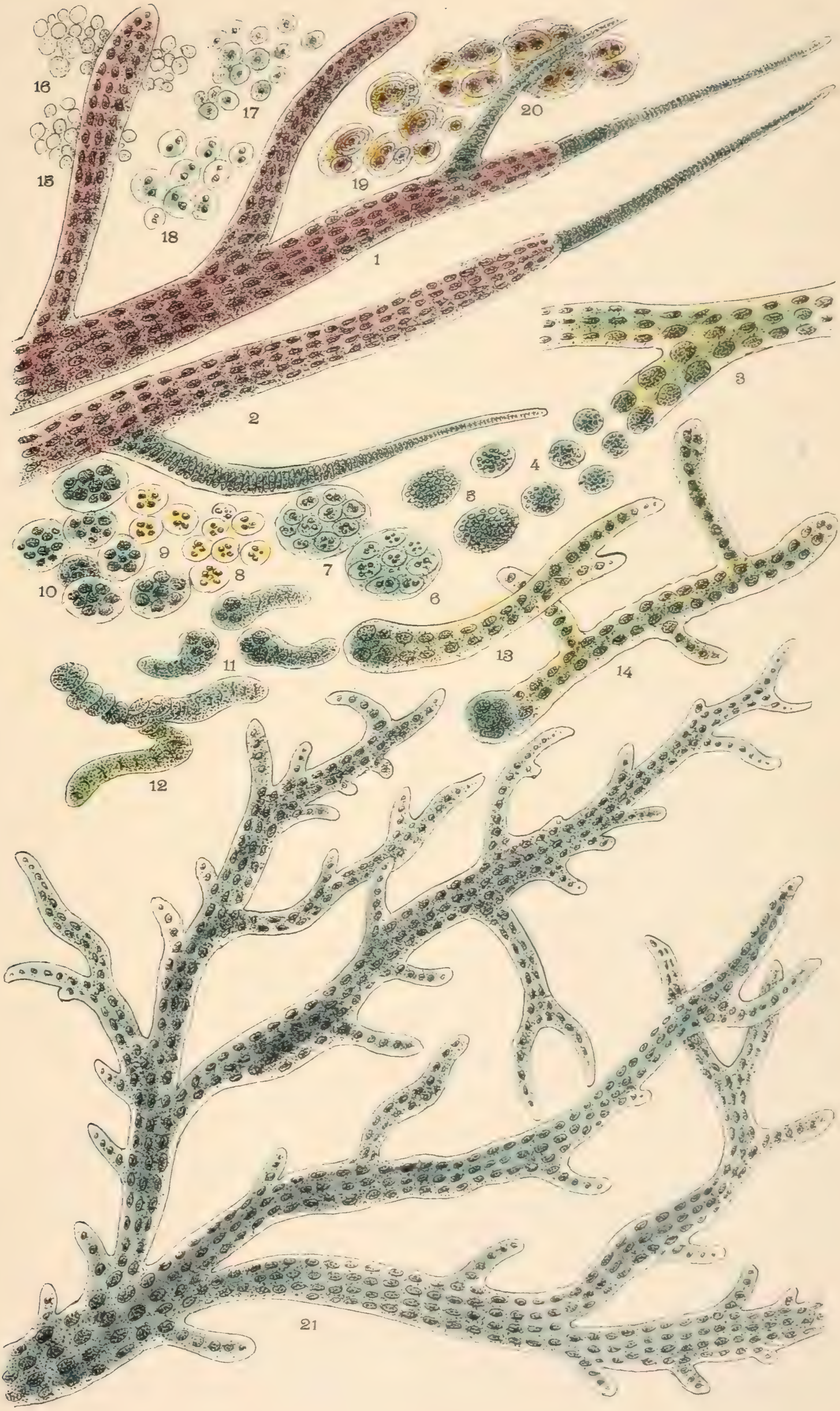

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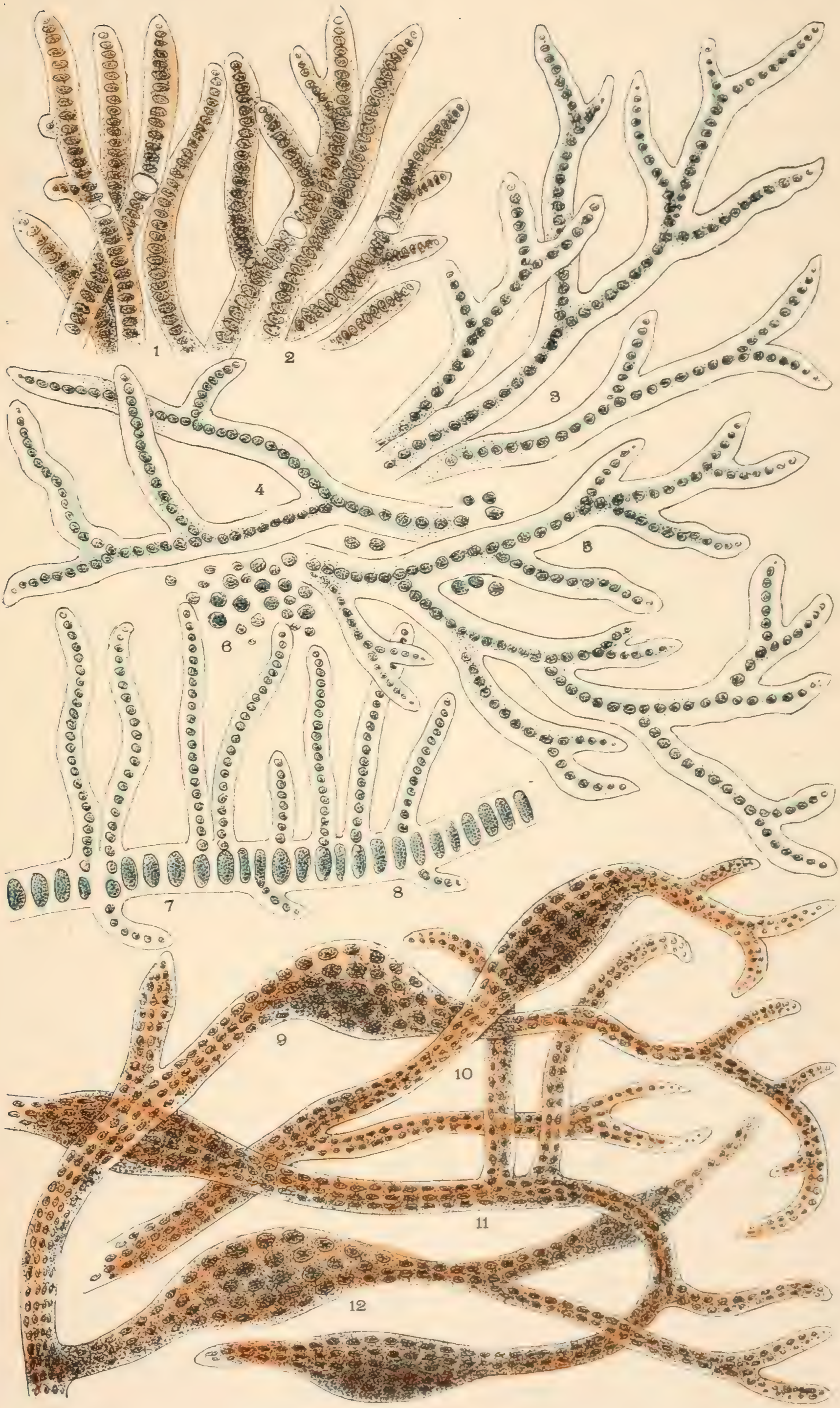
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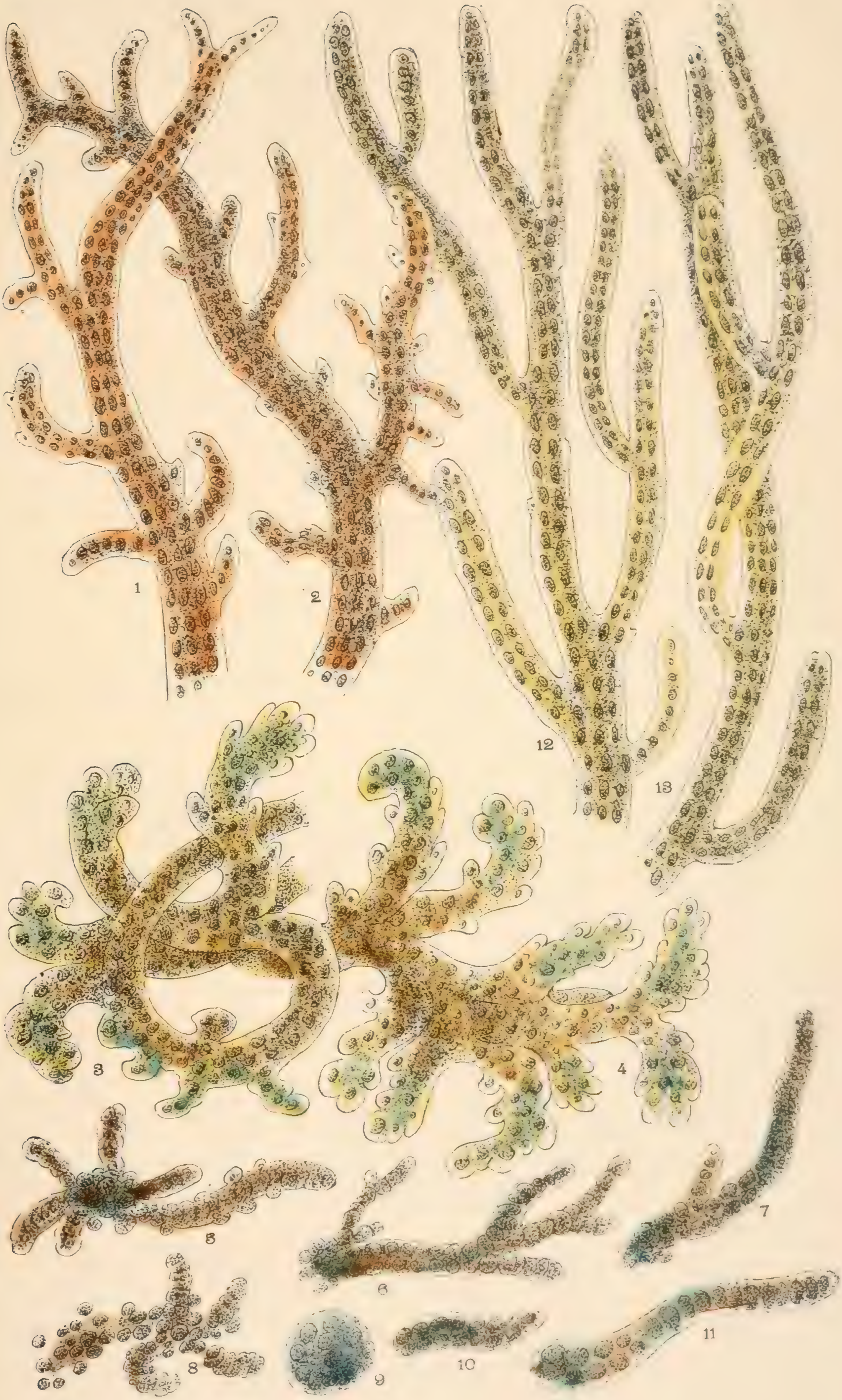

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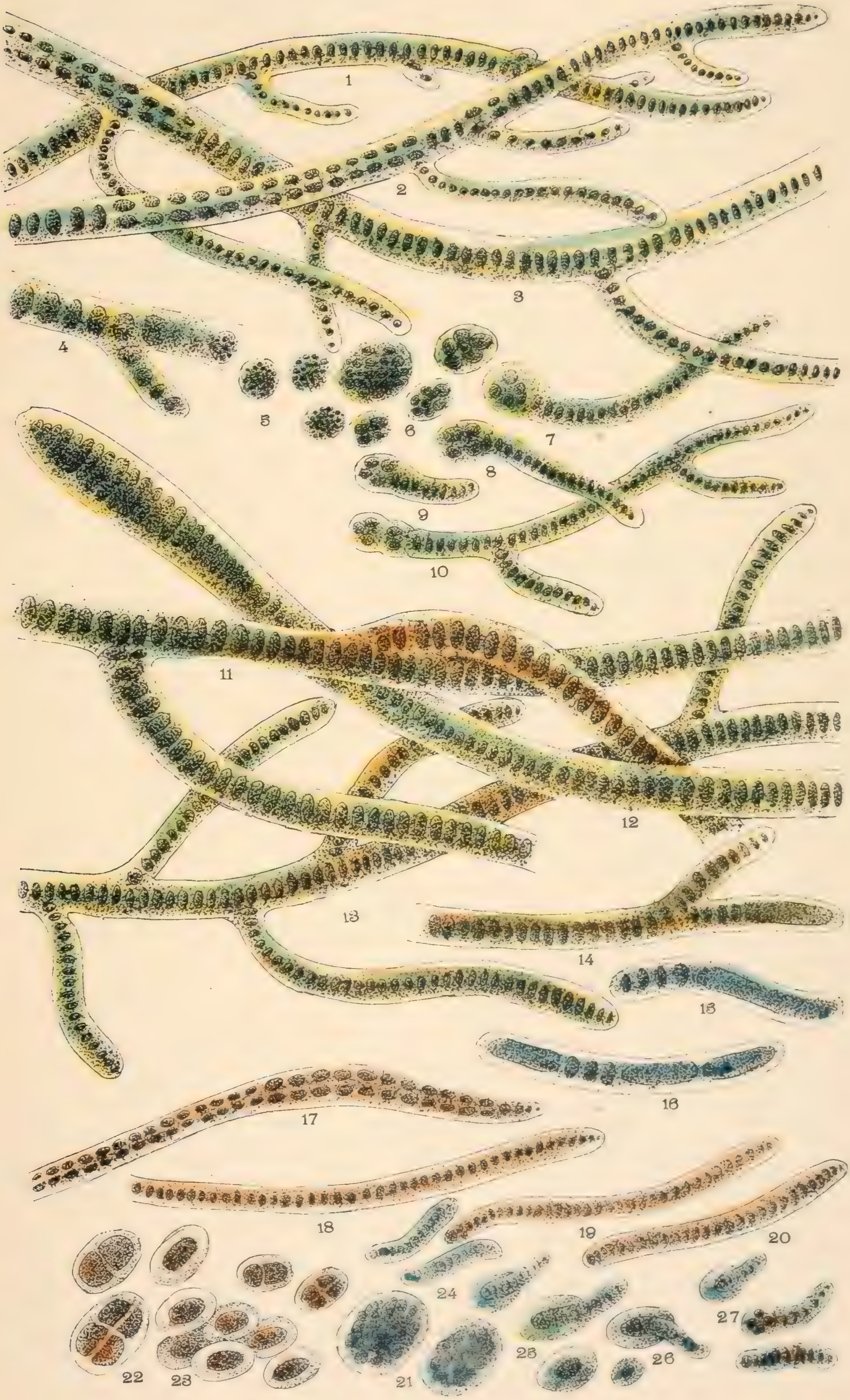

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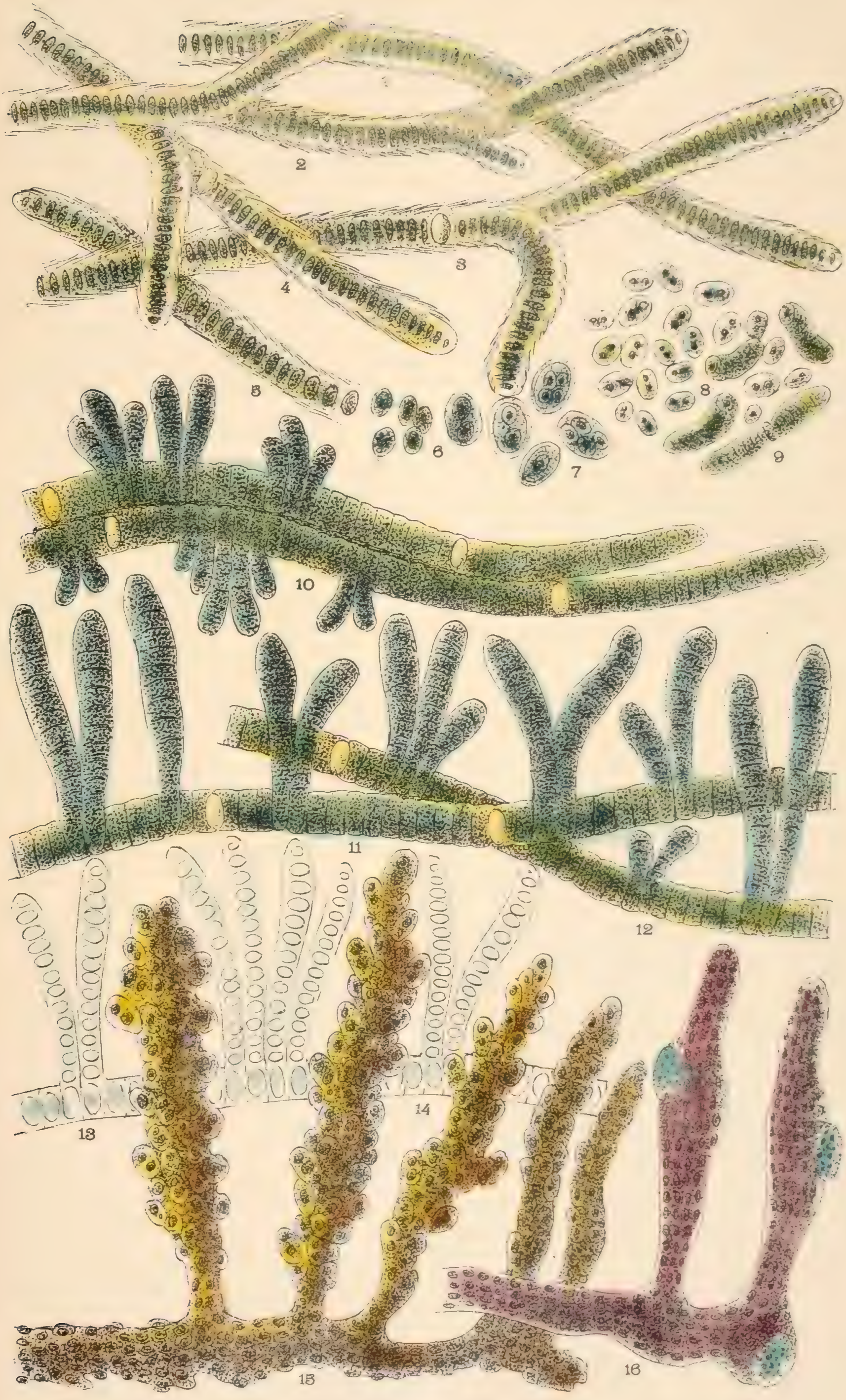

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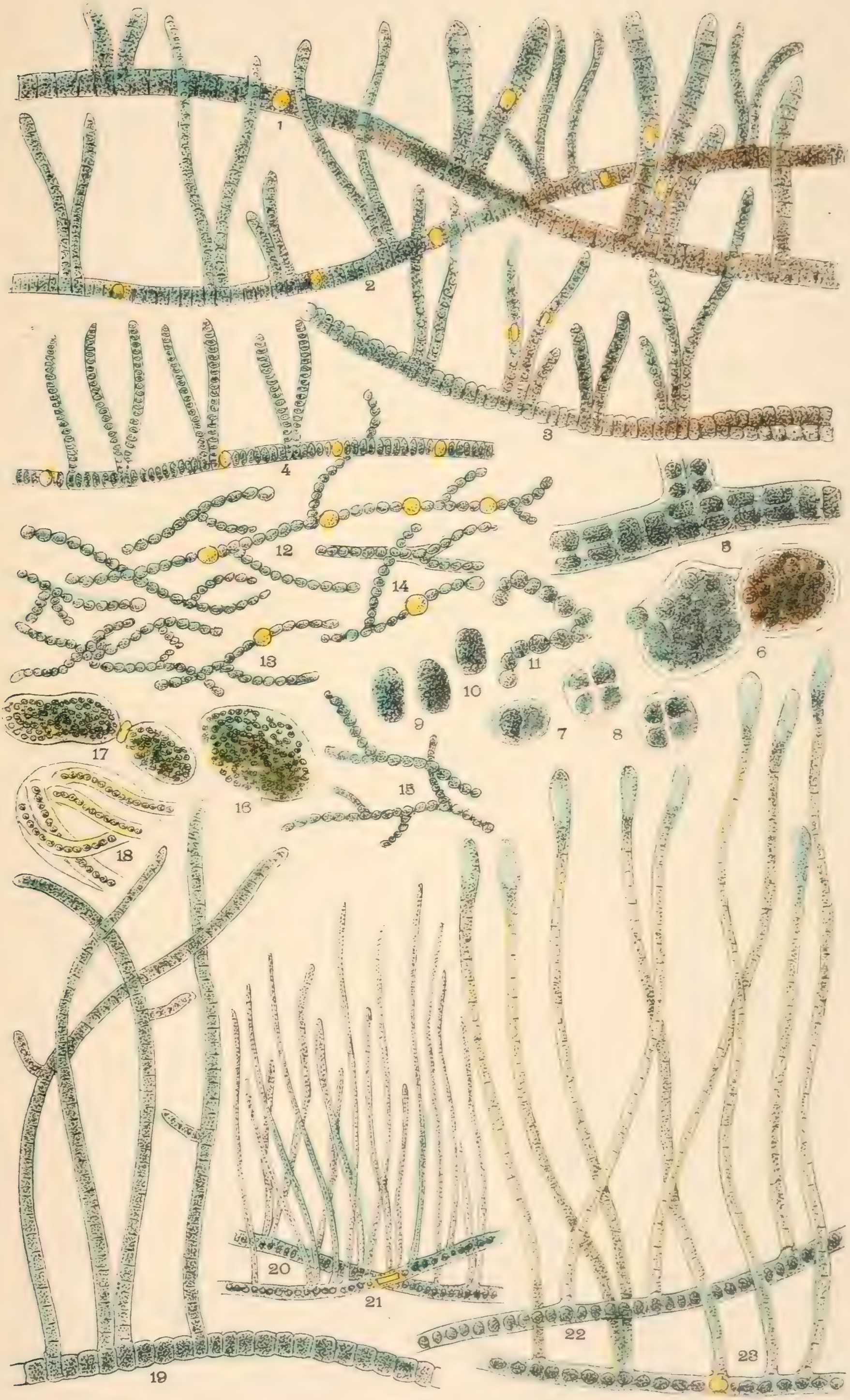

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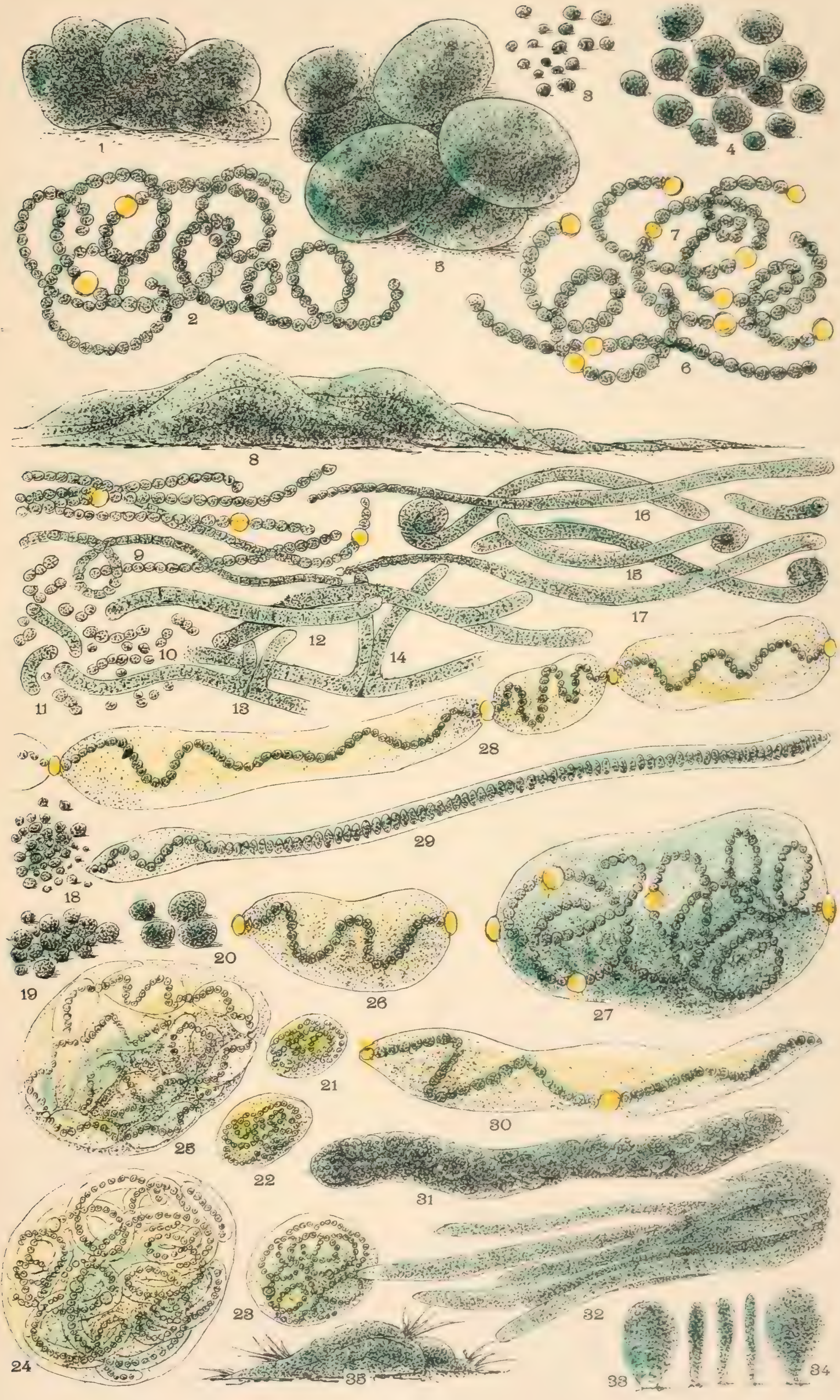

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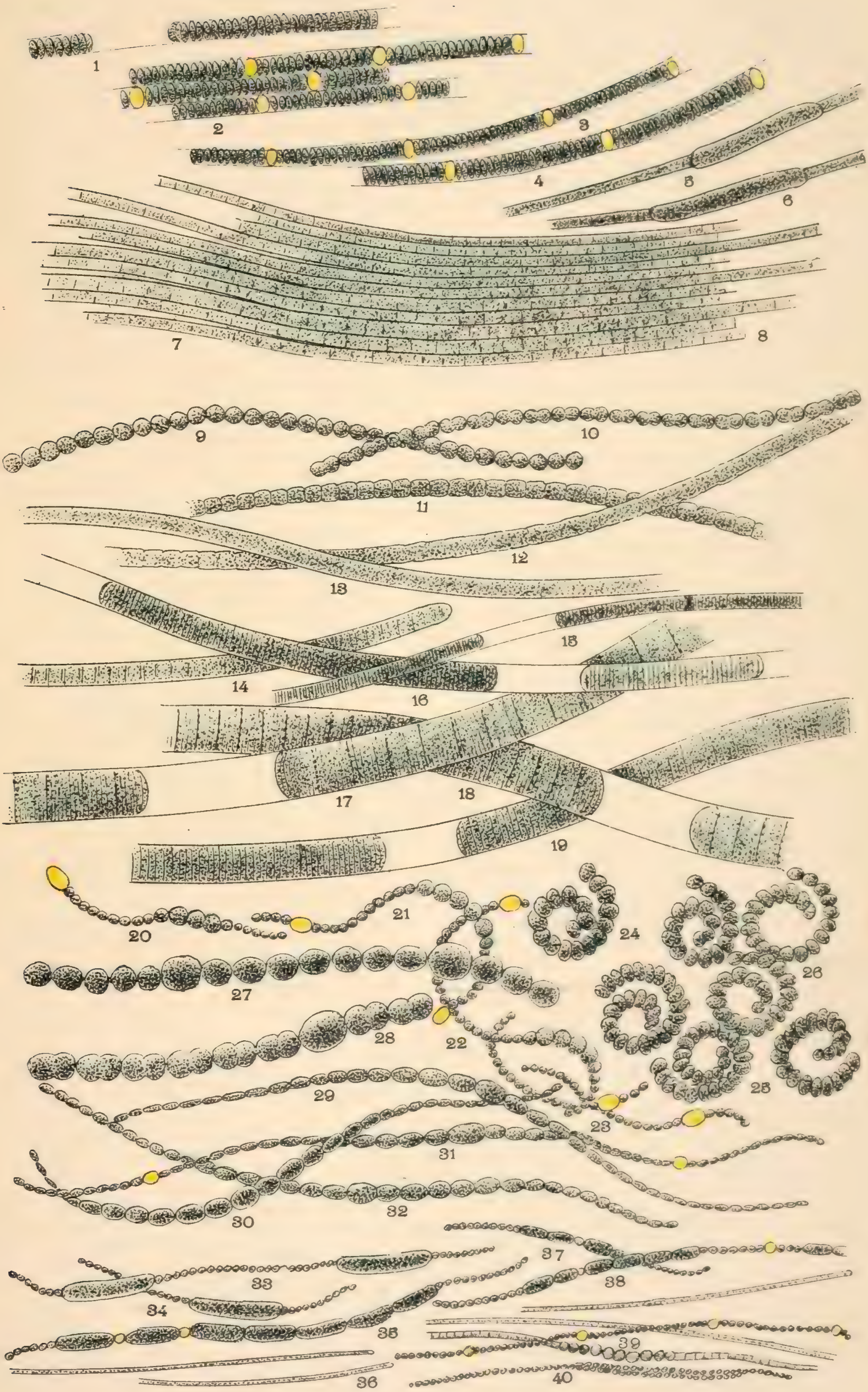

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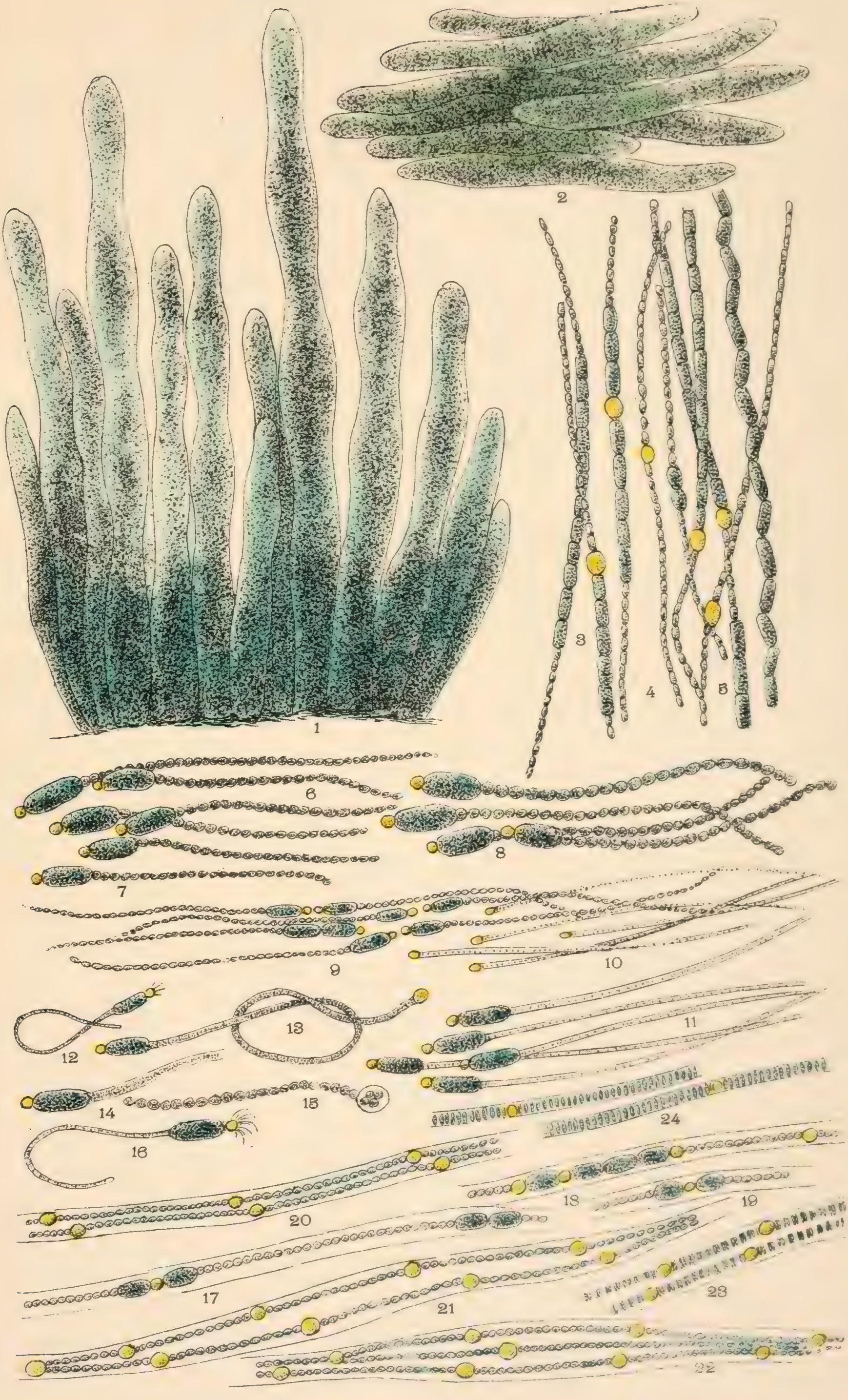

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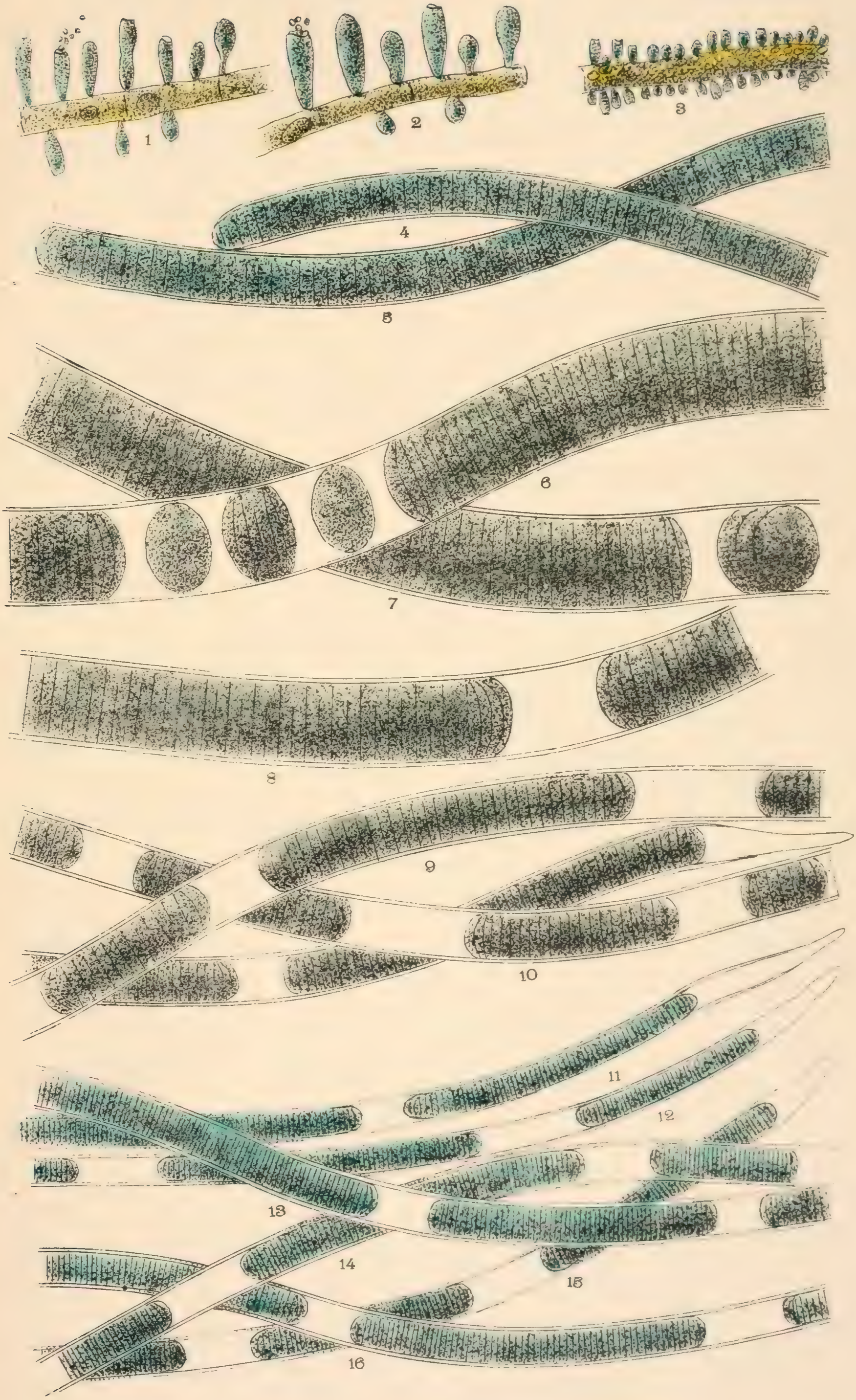

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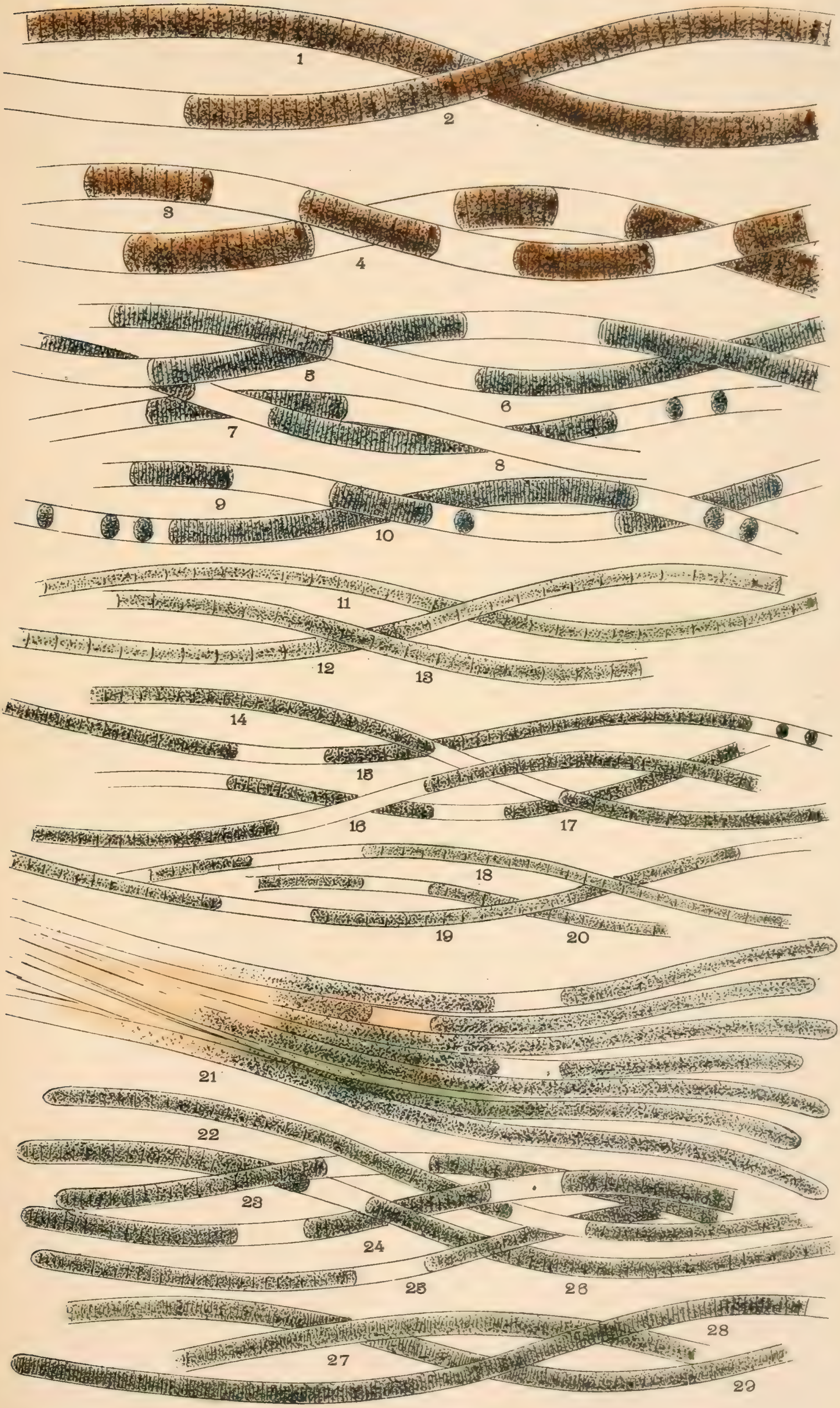

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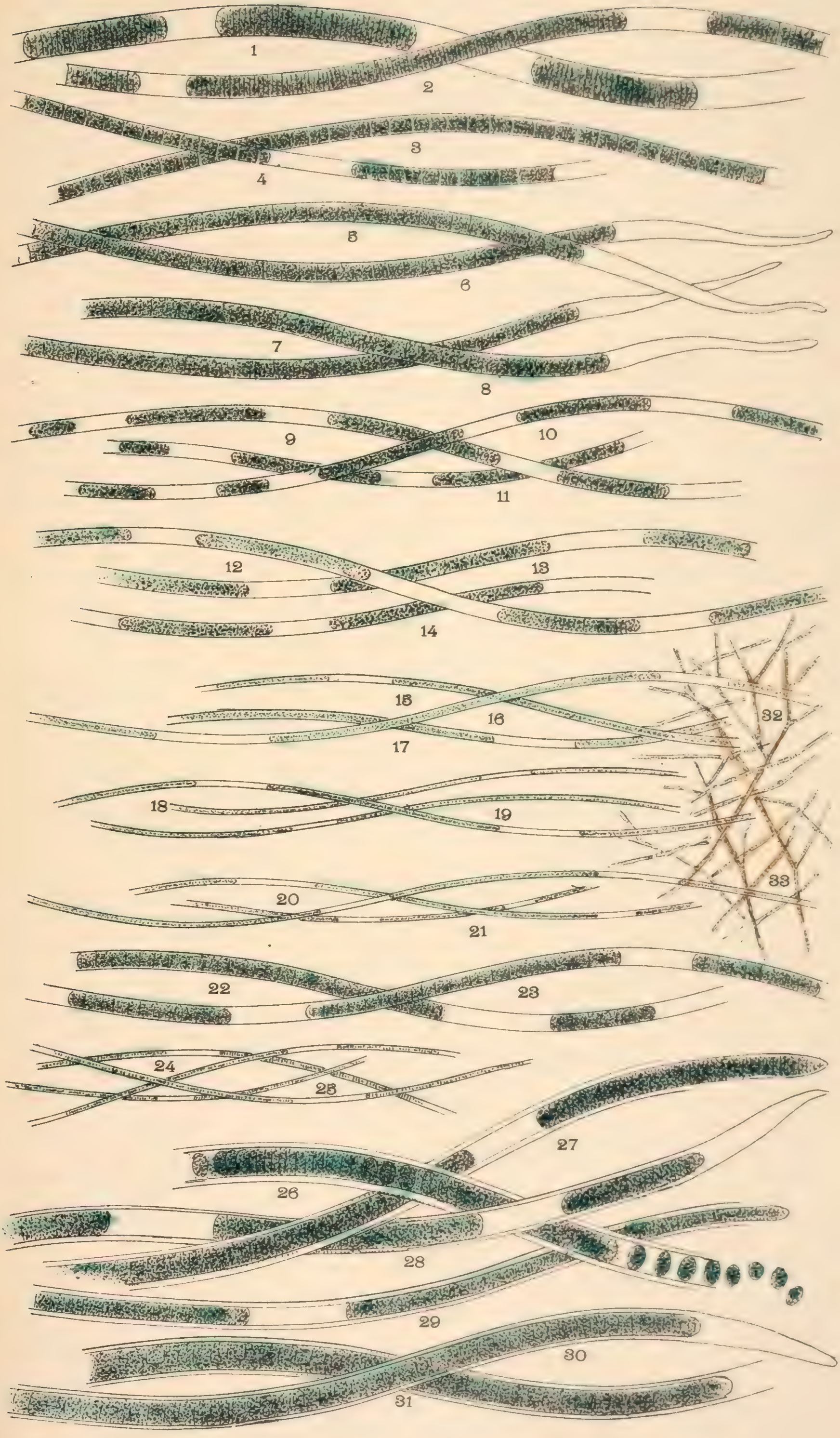
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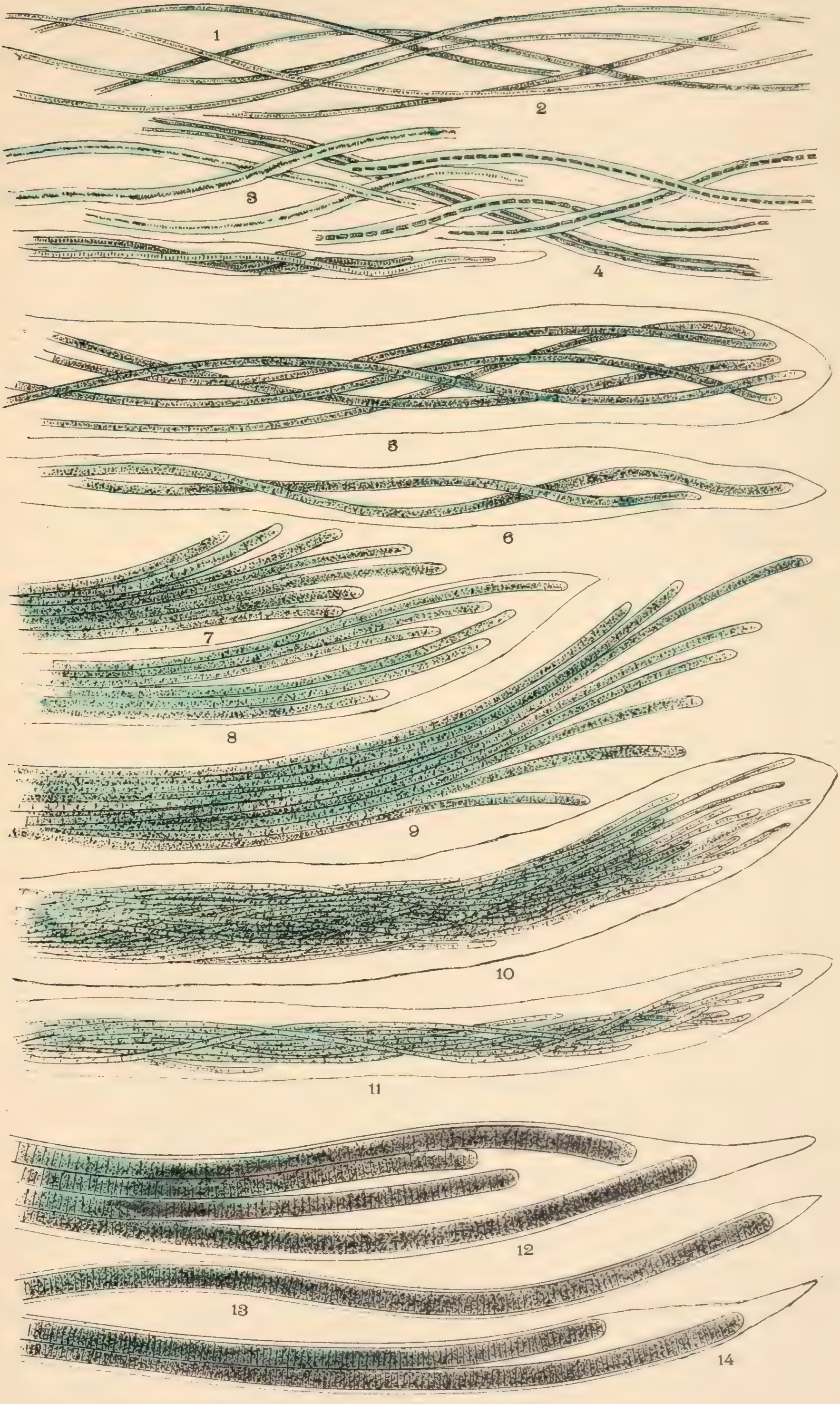

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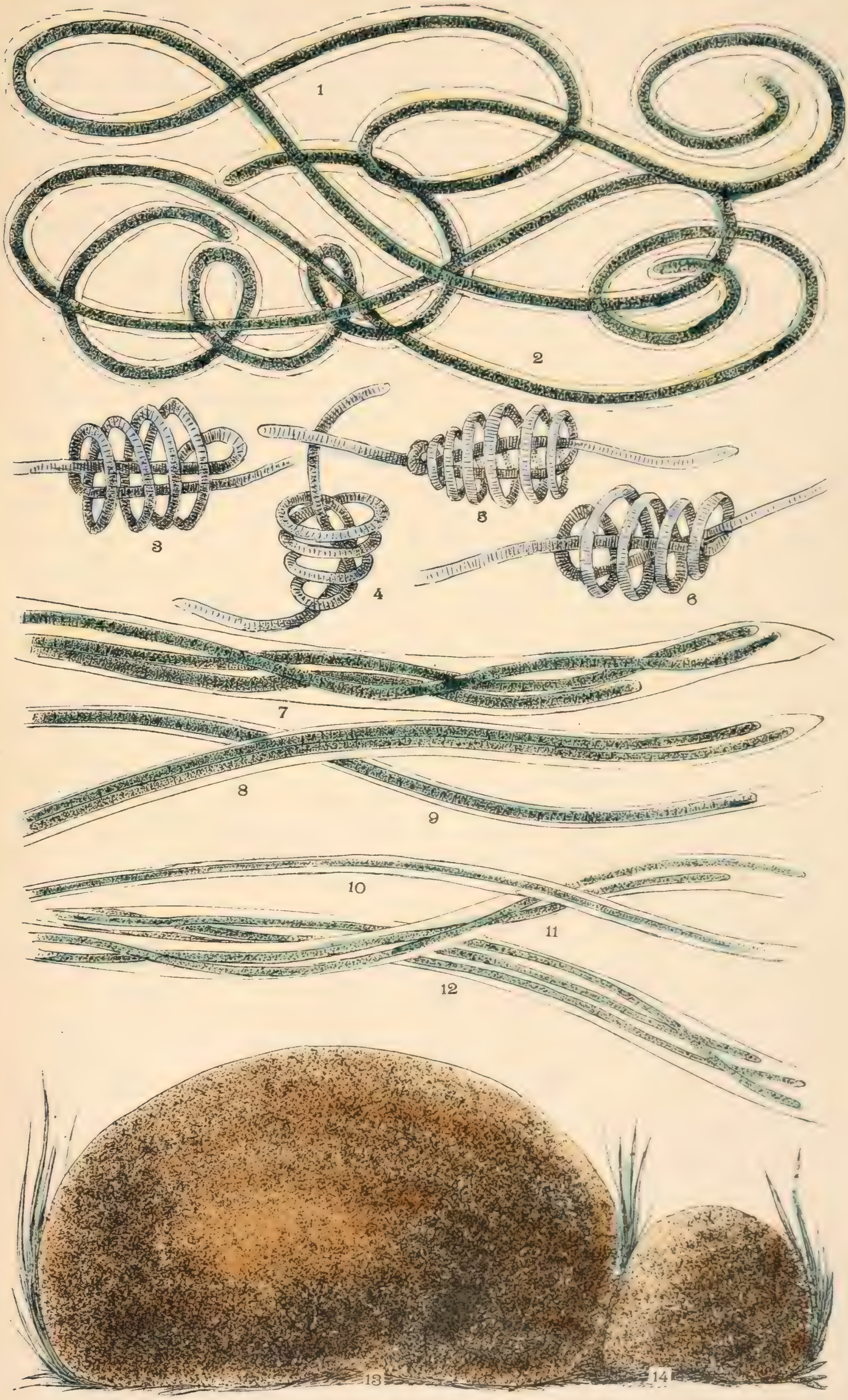

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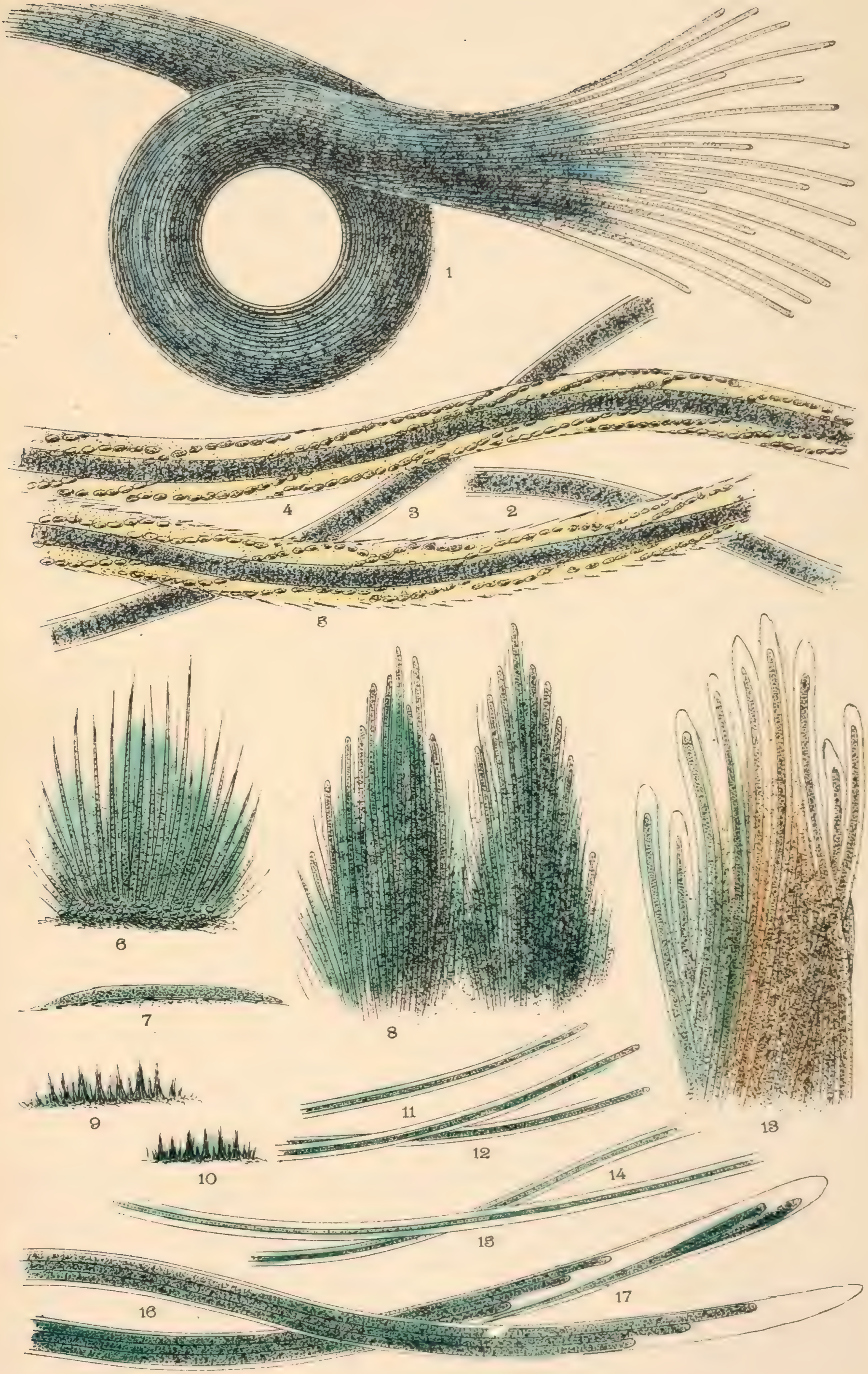

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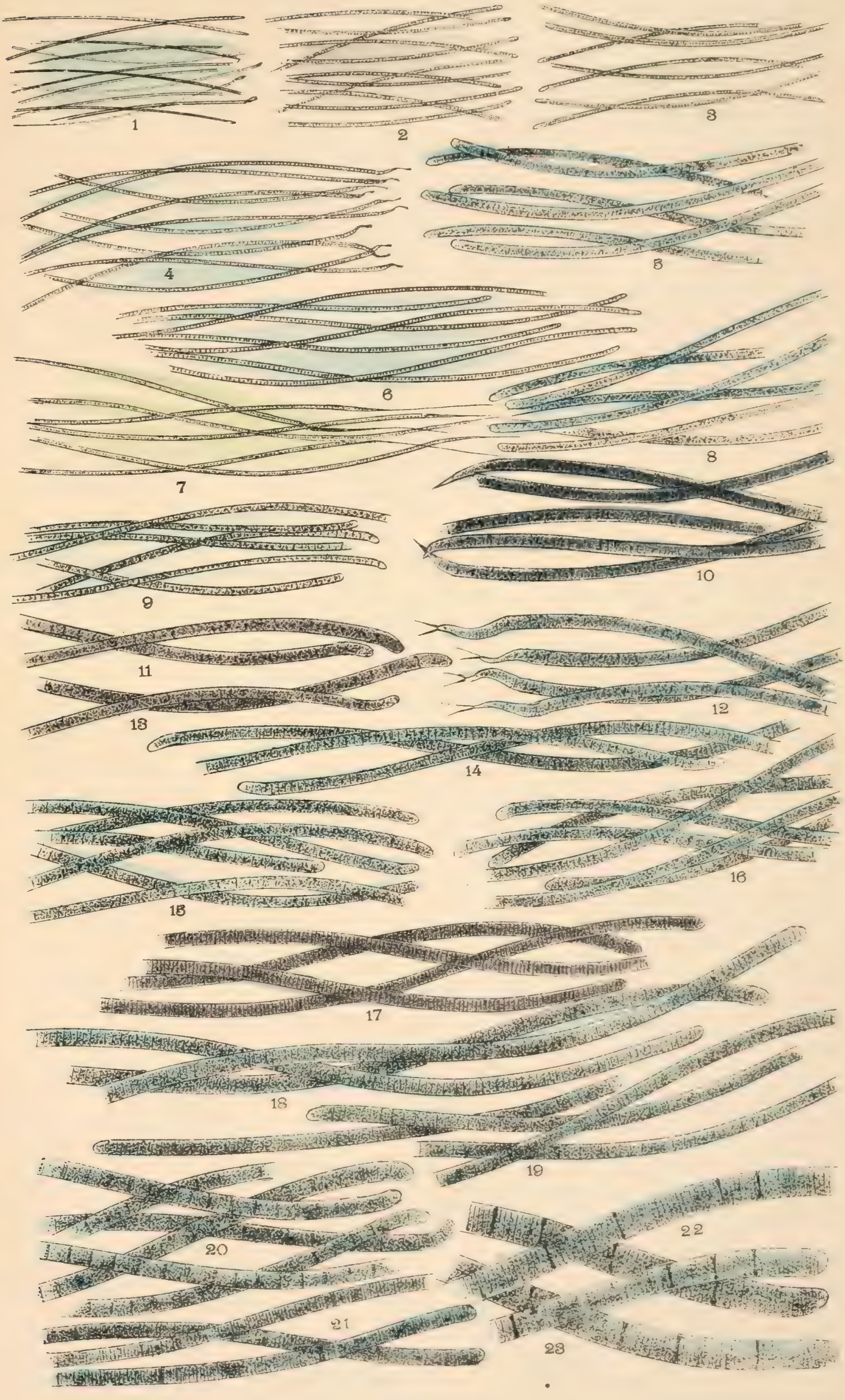

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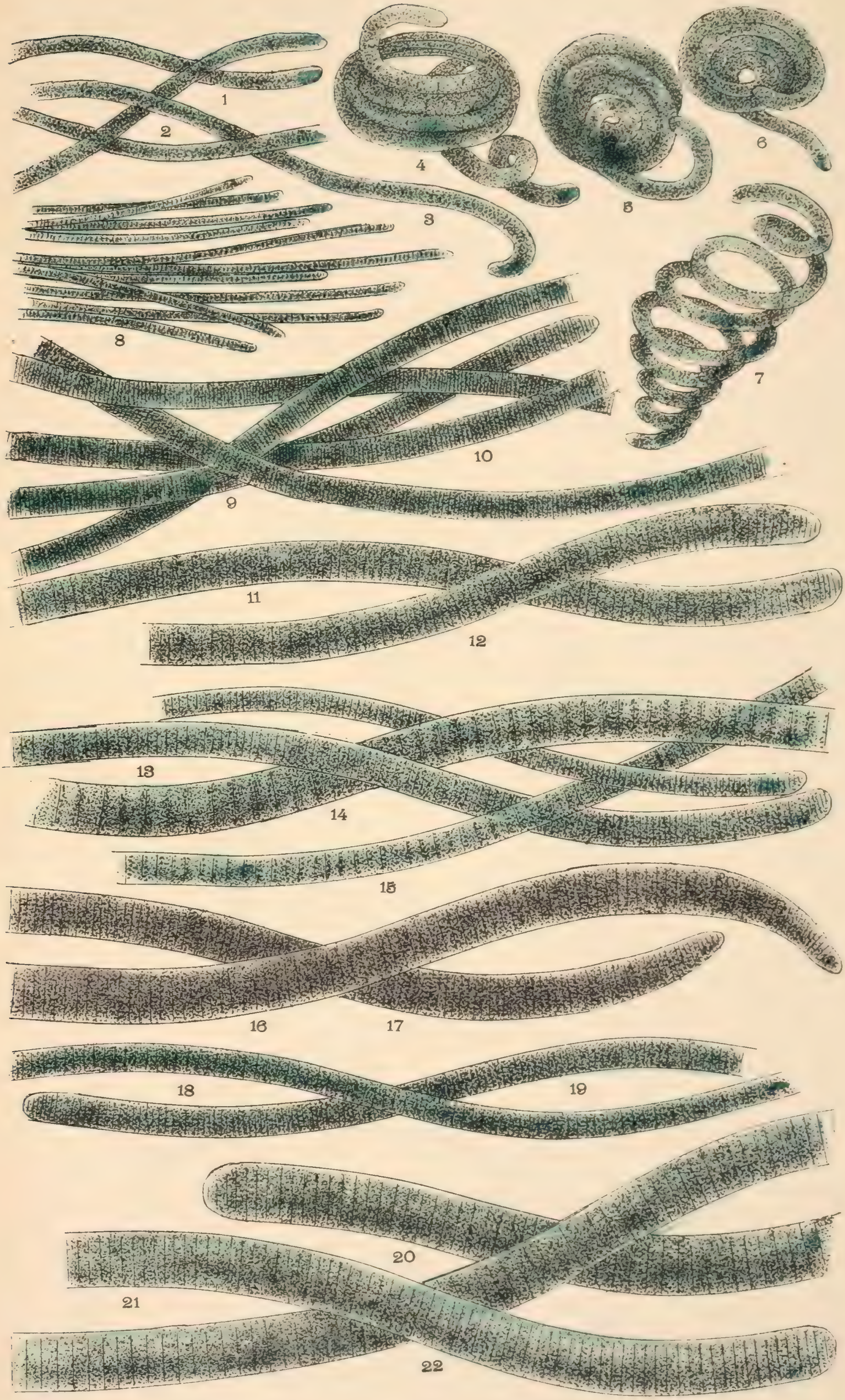

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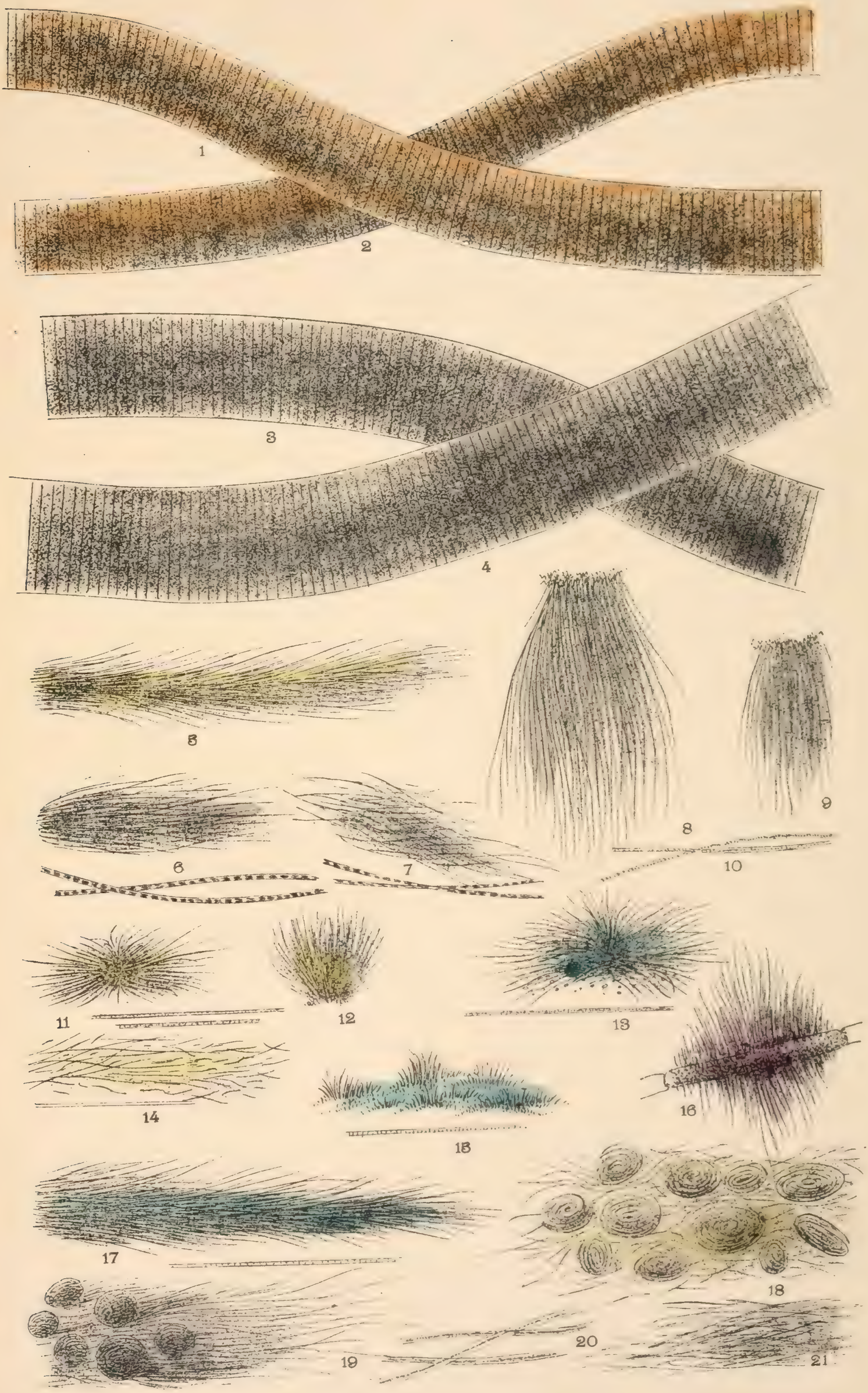

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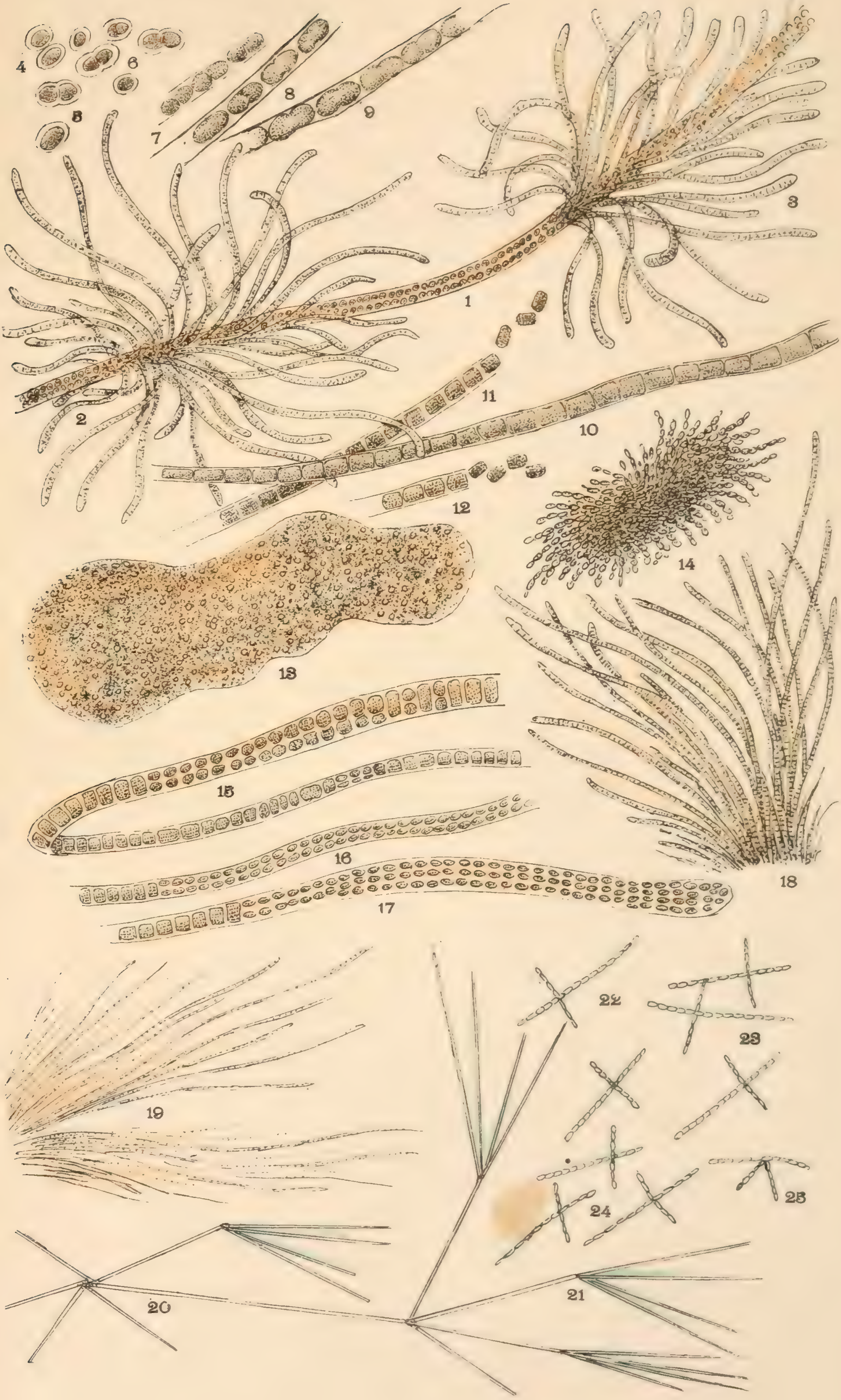

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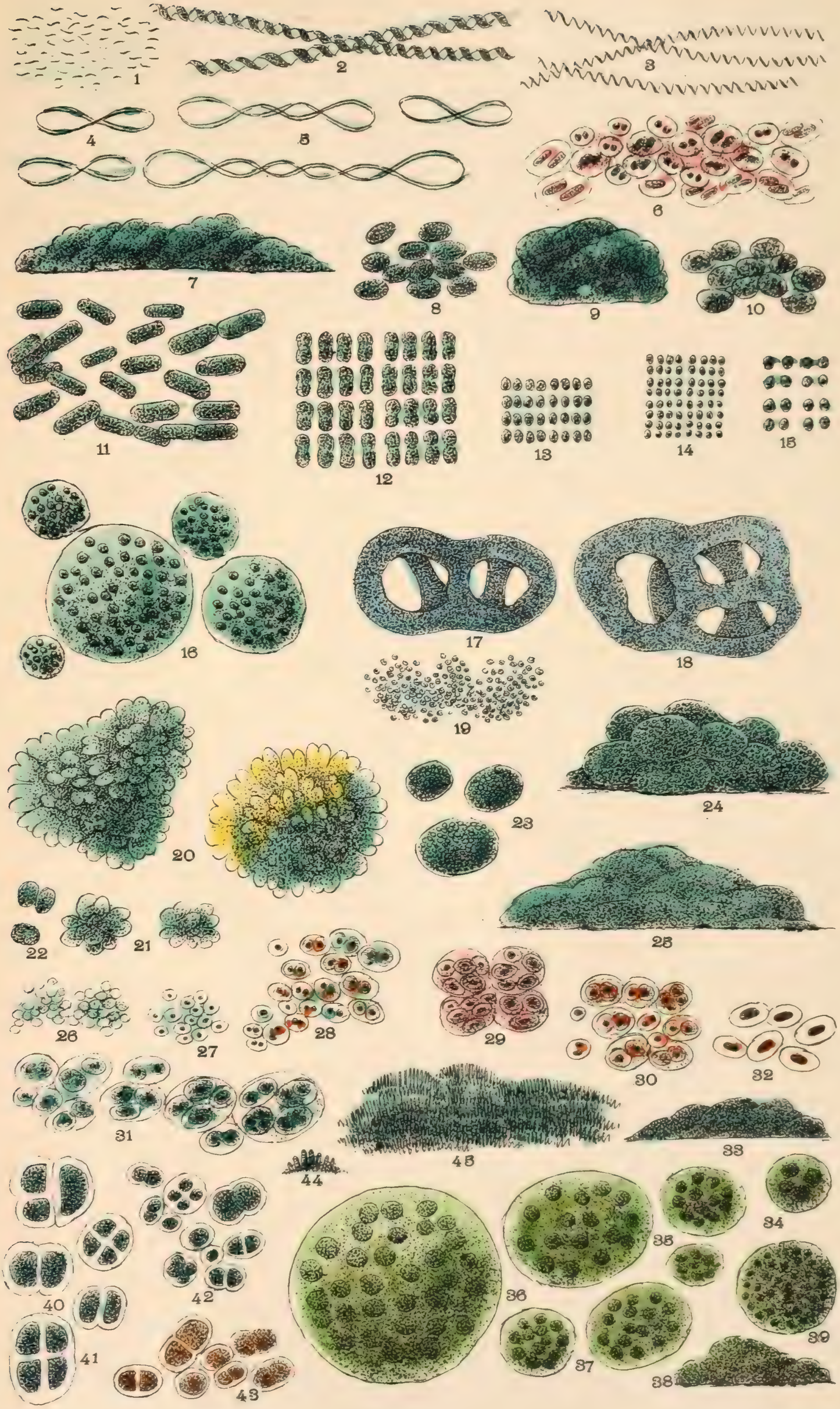
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